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ABSTRACT

This publication is designed to assist in the choosing of materials for the teacher's library by providing a list of selected materials recommended by many national professional organizations. The first section of the book is devoted to the subject of establishing a school library. Discussed here are the topics of concept and scope of the library, organization and administration, selection of materials and practical suggestions for starting a comprehensive school library. Following this opening, separate bibliographies are presented, for books and pamphlets, professional periodicals and other periodical resources, publishers and professional associations, nonprint media, and nonprint media producers and distributors. The book concludes with indexes of subject, title, and nonprint medias. (JD)

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THE TEACHER'S LIBRARY

Phyllis M. Hill,
Editor

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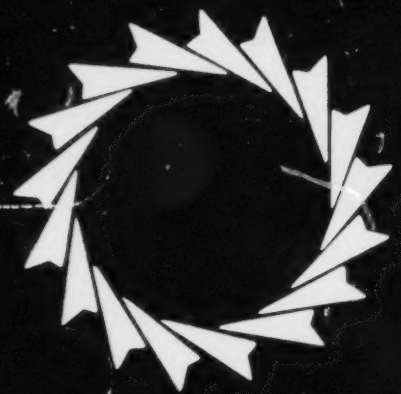

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ESTABLISHING THE TEACHER'S LIBRARY

INTRODUCTION

In thousands of classrooms students are not learning what they should because their teachers do not have ready access to the most recent and helpful ideas in their teaching fields.

Hundreds of thousands of American teachers miss the intellectual excitement in the books, periodicals, and other media which have resulted from the revolution in education during the last fifteen years.

What can be done to solve these problems?

One specific and direct solution is to put close at hand to all teachers the richest possible library resources. This means establishing and operating a library for teachers in every school building in the nation.

The following recommendations for establishing a teacher's library are neither complete nor infallible. They are specific but not overly prescriptive. It is recognized that the diversity of American education requires the exercise of thoughtful judgment at the local level. What makes sense in Scottsbluff, Nebraska, may be inappropriate in Washington, D.C. What is needed in large school districts may be quite different from what is needed in a small town or a consolidated school in a rural area.

Here is the concept of an effective library for teachers.

- It is a collection of books and materials which may be housed in one or several places.
- It is a flexible service, not a location, or a room, or a building.
- It will be most effective if it can be planned and conducted with the expert professional assistance of trained school media specialists.
- It includes books, periodicals, pamphlets, films, filmstrips, cassettes, records, slides, and other media.
- It includes books about history, economics, mathematics, music, anthropology, and other such subject areas, as well as about methodology, the learning problems of disadvantaged children, curriculum planning, and current issues.
- It includes media for the specialist in a field as well as for the teacher with only a general background and interest in the same field.
- It is organized and operated to stimulate and encourage innovation and change in curriculum and teaching.
- It is organized at two levels: the individual school building and the school district.

A call is issued to teachers, media specialists, local and state teachers' associations, learned societies, local and state school boards (and anyone else who will listen) to get busy and develop libraries for teachers. This publication will be of little value unless it aids and encourages the development and improvement of such libraries. We hope that those who passively browse through these pages will become activists for the cause. We also hope that this publication will stimulate research and demonstration projects on the values of teachers' libraries.

CONCEPT AND SCOPE

The village all declared how much he knew;
'Twas certain he could write, and cipher too;
Lands he could measure, terms and tides presage,
And even the story ran that he could gauge.

In arguing too, the parson owed his skill,
For even though vanquished, he could argue still;
While words of learned length and thundering sound,
Amazed the gazing rustics ranged around;

And still they gazed, and still the wonder grew,
That one small head could carry all he knew.

The Deserted Village, Oliver Goldsmith (1728-74)

If the accumulated learnings of the village schoolmaster were a source of amazement to the rustics in Goldsmith's Romantic poem, consider how much more astonished they would be at the demands made on the modern teacher. In the two centuries that have passed since this tribute to the teacher was written, the world has, for better or worse, become an immensely more complicated place in which to live. Teachers can no longer impress others with such rudimentary skills as the ability to write, cipher, measure, gauge, and argue.

The modern pedagogue, perhaps more than anyone else in this frenetic society, is expected to be aware of the technical innovations, cultural change, and social movements we call "progress." And this is only half of the story, for these represent merely the demands made on the teacher's general knowledge. There is, in addition, the proliferation of knowledge in two fields of specialization—education and the subjects taught. Keeping abreast of developments in these two fields alone is a staggering job, but when added to the demands on a teacher's general knowledge, it must seem an impossibility to the bewildered teacher.

This it may well be, and yet the teacher should not give up the struggle nor seek the sanctuary of specialization. Doctors, lawyers, and other professionals may by preference or necessity limit their fields of study and their areas of awareness; but teachers, since their function is a synthesis of knowledge and transmission of values (which in itself requires the broadest field of awareness), are denied this particular mode of salvation from the overburdening task of keeping up. Worse yet is the fact that it is not just the pace of progress that contributes to the burden but also the fact that the total mass of things to be known is growing to phenomenal proportions. Keeping up has become at once a process of learning and unlearning. In this situation, inaction is impossible. To stand still is to run the risk not just of being out of date but of being absolutely wrong. It must seem to the beleaguered teacher that it is gross injustice to expect his or her "one small head" to carry all he or she is expected to know.

But there is hope! The same fertility of the human mind that created the problem can be used to solve it. There are ways of helping teachers increase their background of knowledge.

Good schools all over the nation are operating or developing programs of continuing education for their teachers. These programs, where thoughtfully developed, are a tremendous boon to the teacher. They can be used to report and demonstrate the latest technical developments in the field of education generally, or they can be used to related the latest developments in particular subject matter fields. In many cases, by dealing with current social issues and cultural changes, they can also be used to improve the teacher's general educational background and keep it up to date. Modern colleges and universities are recognizing their obligation for continuing education by making available to the teacher an increasing number of courses and other services.

More educational organizations are publishing more and better articles in their periodicals than ever before. These writings can most effectively help the teacher to keep abreast of developments, especially those so recent that there has not been time for anyone to write a book about them. The supply of books and other graphic materials is increasing so rapidly as to stagger the imagination. In fact, this constitutes a problem in itself. Deciding what to read is becoming increasingly serious; one cannot read everything that is coming off the presses. Reading time must be guarded jealously and spent wisely; one cannot afford to waste time stumbling through second-rate material searching for what is significant.

All these factors underline the necessity for the formation of a carefully selected library for teachers in each school and each system center. Such a library could become one of the most helpful developments in the continuing education of teachers by making readily available efficiently organized materials on content and methodology, by encouraging teachers in the use of all kinds of materials for the enrichment of course content and the preparation of assignments that provide for the needs of students of varying abilities, and by suggesting to teachers places where free and inexpensive materials may be obtained.

Keeping up with research poses a special problem for the practicing professional. A mature profession demands that decisions in every area possible be based on the best knowledge currently available, and yet research is becoming a field of narrower and narrower special ties filled with esoteric terms and concepts. As a result, there is growing difficulty in communication between the researcher and the practitioner in every field, including education.

While some structural solutions are being attempted in education, e.g., the regional laboratories, there is little evidence yet that the gap between research and practice can successfully be closed. This is not intended to suggest that the distinction between the two areas should be eliminated, for it is clear that both research and practice are distinct specialities requiring specialized training and procedures.

On the other hand, neither research nor practice can exist in total isolation from each other and still retain its effectiveness. In fact much of educational research must be carried on in the field. In education perhaps more than in any other discipline, the field is the laboratory. Thus, many practicing teachers are significantly involved in research activities, and more such involvement is needed.

Nevertheless, for many teachers, perhaps the majority of them, the problem will continue to be one of finding a means of maintaining contact with research activities in which they are not directly involved and translating research findings into acceptable practice. Professional teachers have the obligation to be aware of at least the major findings of general educational research and to be informed more specifically in their own particular fields.

The professional library can help teachers fulfill this obligation if it contains sources of information on research and research services. It is important that all teachers have access to the items listed herein which are pertinent to their special interests and competencies.

The uses of the professional library need not be limited to in-service teachers. The professional library can also help prospective teachers extend their learning experiences. Student teachers in both large and small school districts should have access to professional literature and audiovisual media to obtain a better understanding of the vast and expanding contemporary fields of knowledge. Student NEA and FTA chapters could use a professional library to strengthen their members' choice of a teaching career. Students would find material there of special interest, not available to them in the general library.

The professional library might serve administrators by giving them information on the basic issues and their daily administrative problems—scheduling the school program, human relations in the school, creative teaching, financing of the school, student teaching, certification requirements, accreditation policies, recruitment of school personnel, placement of school personnel, placement and

induction of beginning teachers, the role of temporary teachers, local and national experimental projects in subject fields, ability grouping, and policy making. Community relationships involving parent-teacher conferences, speeches, meetings, and panel discussions could be improved with ideas discovered in a professional library. There, the administrator would have immediately at hand the materials helpful in working with students, teachers, and parents for effective school living.

The teacher's library is an educational investment which stimulates continuing education on the part of beginning and in-service teachers, prospective teachers, and administrators as they use its tools for a better understanding of the newer approaches to teaching and learning. It should be carefully selected, centrally located, and easily available to all teachers. Where one is already in existence, it should be strengthened, updated, and improved. Where there is no library for teachers, no time should be lost in establishing one. If possible, at least a small library should be located in each school building where materials will be most readily accessible to teachers, administrators, and interested students. It is to be hoped that in each school system there will also be a well-developed library for teachers in the district center to supplement those in individual school buildings. Carefully selected, well-organized, and effectively used, libraries for teachers can mean well-informed, educated teachers and administrators—the surest and quickest road to our common goal of quality education.

ORGANIZATION AND ADMINISTRATION

Size of the Collection

A library for teachers may comprise a few shelves of books in a small school or thousands of volumes and other materials serving a large city or school district; consequently, the problems of administration vary widely. Selecting, organizing, and publicizing materials are processes basic to any collection regardless of its size or the public it serves. In developing policies of selection and administration of materials, the media specialist must therefore consider what other library facilities in the area are available to school personnel. Clearly, the media specialist in the district where the board of education library will be the only source of professional materials for teachers will face a different situation than will the one in a district where there is a nearby city, regional, or university library.

Although the size of the collection will vary according to the financial means of the school and the adequacy of existing collections, the following standards developed by the American Library Association are still appropriate and should be used:[1]

- A basic book collection of 100-1,000 titles, depending on size and needs of faculty.
- Subscriptions to 40-50 professional magazines; also an education index.
- A collection of pamphlets, filmstrips, tapes, cassettes, records, slides, curriculum guides, resource units, and other special instructional materials as needed by the faculty members.
- Annual expenditure for the professional collection (in addition to funds allocated for school library materials), depending on size of faculty and availability of other professional materials in the community.

Financing the Teacher's Library

Current professional materials for faculty and staff use are listed in *Media Programs: District and School*[2] as a guiding principle for a school media collection.

No school can provide all the information and media needed; therefore, the media staff must use interlibrary loans from other schools, school district media collections, local public libraries, college and university libraries, and regional, state, and national networks.

Ahlers and Morrison found in their study of 183 districts that all big systems offered some kind of reference service to teachers at the district level.[3] Services included the usual loan of professional books and periodicals, and in addition, answers to questions received by telephone, in person, or by mail. Some district centers, often called curriculum material centers, stock large collections of reference materials on many subjects besides education. In addition to answering reference questions that cannot be answered at the local building level, such centers assemble other materials to help teachers prepare lessons. Quantities of films, videotapes, filmstrips, transparencies, pictures, tapes, kits, units of study, etc. are checked out to all schools in the district.

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[1] American Library Association and National Education Association, *Standards for School Media Programs.* Chicago and Washington, D.C.: the Associations, 1969. pp. 33, 35.

[2] American Association of School Librarians and the Association for Educational Communications and Technology, *Media Programs: District and School.* Chicago: AASL; Washington, D.C.: AECT, 1975.

[3] *The Media Program in the Elementary and Middle School.* Hamden, Conn.: Shoe String Press, 1976. p. 77.

Provision for adequate financing is of paramount importance in the planning and development of the teacher's library. Money for this purpose should be an integral part of the regular school budget. The teacher's library should be considered as important and necessary for a school system as food and clothing for the family or gasoline for the automobile. There is no more reason to look outside the regular budget for funds to maintain this library than for money to pay teachers' salaries or purchase floor wax.

Having accepted the fact that an allowance for such libraries should be included in the regular budget, the school system is faced with such questions as, How much money should be set aside? How can money be used for the professional library when there is not enough available for libraries for the pupils? How can expenditures for this purpose be kept in proper balance with the rest of the school needs? These are all important questions to which there are no easy answers.

The amount of money to be spent will depend very largely on the amount the district now spends for the pupils' libraries. It does not seem unreasonable to suggest that the teacher's library should receive an amount per teacher equal to the amount spent per pupil for library books in the district. Thus, if a school spends $4 per pupil for books for the school media center, an expenditure of an additional $800 annually for the teacher's library would be justifiable for a faculty of 200 teachers. This should be a minimum figure if the library is to be maintained at an efficient level. Such a formula would not be out of balance with the other demands on the school funds and would not reduce the number of books that could be purchased for pupil use. Moreover, it is a flexible plan that could be adapted to the total budget as economic conditions change.

Up to this point, funds for the maintenance of established libraries for teachers have been considered. Many, if not most, schools will be faced with the problem of initiating such libraries. This will, of necessity, call for a somewhat larger expenditure and very likely will need to be planned over a three- to five-year period. It might be that as much as ten years would be required for a school system to reach full strength in its professional library.

It should not be overlooked, in discussing financing, that there are supplementary sources of funds for building up the size of the book collection. Professional gifts from individual practitioners would not be unwelcome; parent groups might wish to make a contribution; and free materials are often available, especially in pamphlet form. The important principle to keep in mind, however, is that the basic financial support must come from the regular school budget. Otherwise, the teacher's library will be kept in the category of a poor relation or an object of charity. Another basic principle is that, before being added to the collection, all gifts should be evaluated on the same terms as purchased materials.

Facilities

It is hoped that each individual school will have a room large enough to seat teachers and house a collection of organized materials suitable for their use. The materials should be kept where they will be most accessible to and most used by the faculty.

A minimum of 600 square feet is the suggested space allocation given in *Media Programs: District and School.* The professional collection should be near the main media center or where they will be most accessible to and most used by the faculty. The facilities could be used as a conference area or faculty group meeting room. Listening and viewing area should be provided for selection and evaluation of new materials and equipment. Lounge atmosphere should be emphasized.[4]

[4]*Op. cit.*, p. 101.

Staffing the Library

In most cases, the library for the teacher in the individual school will be under the supervision of a qualified school media specialist and staff. In schools where there is no qualified media specialist, a teacher or committee might be in charge. In this case, help in organization could be obtained from a qualified librarian in the area. The clerical staff of the school library can assist in the processing, circulation, and shelving of materials in the professional library.

A district professional library would require a media specialist assisted by additional professional staff and media aides. The number of users, the scope and depth of services provided, such as handling telephone requests and performing research and abstracting services, and provisions for extended hours of operation determine the number of persons that are needed.[5]

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[5] *Ibid.*, p. 28.

SELECTION OF MATERIALS

This publication is designed to assist in the choosing of materials for the teacher's library by providing a list of selected materials recommended by many national professional organizations. However, it is unlikely that any one school will be able to purchase all of them at the outset or, indeed, that the bibliography provided here can completely satisfy the individual needs of each school or district library. The media specialist, with the help of the teaching staff, will need to work out a system of orderly acquisition which will meet the immediate needs of the staff and provide a balance among the various areas and subject matter fields. But selection of materials should not be the task of the media specialist alone. The knowledge of all members of the teaching staff should be utilized to the fullest extent in obtaining the necessary materials for the professional library that will enable all teachers to do a better job.

Circulating selection tools among staff members may encourage individuals to make suggestions for purchase. The formation of faculty committees to aid in book selection in the different subject fields may prove fruitful. Where there is a central district library, the media specialist will have easy access to the opinions of curriculum consultants and other specialists.

There are some aids which are particularly valuable to the media specialist selecting materials for the professional library. The catalogs of such publishers and organizations as the National Education Association, the American Library Association, H. W. Wilson Co., and the Bureau of Publications, Teachers College, are very useful. Membership in organizations such as the American Association of School Administrators, Association for Supervision and Curriculum Development, and Association for Childhood Education International will bring in many valuable publications automatically. Each year, the May issue of *Today's Education* has a section entitled "Outstanding Education Books of [the previous year]." *Today's Education* also carries announcements of new NEA publications, including all units and departments of the Association. *Time* and *Saturday Review* review books on education. *Intellect* reviews not only books on education but also general books of significance to educators. The ALA *Booklist* frequently recommends books on education of interest to laypersons and should be read by teachers.

The media specialist will also wish to scan the book review sections of the various professional journals for suggestions. In some instances, these reviews may be the most authoritative to be found. *Education Summary* and the *Bulletin of the NASSP* are among the other periodicals particularly useful with up-to-date suggestions. Because of the tremendous importance of pamphlet material in this type of library, the media specialist will find the *Vertical File Index*, published by H. W. Wilson Co., an important tool.

The publications of the federal government, particularly the Office of Education, are very valuable. Every media specialist should send a postcard to the Superintendent of Documents, Government Printing Office, Washington, D.C., asking to be included on the mailing list for *Selected U.S. Government Publications and Price Lists*. At least one library in the district should have the complete *Monthly Catalog of Government Documents*. One may also request that the Superintendent of Documents send regularly notification of available publications in a special field of interest. (Individual teachers may wish to have their names placed on such mailing lists.) And today, when the federal government is playing such a large role in education, it is particularly important for the media specialist to be aware not only of new government pamphlets but also of new legislation. Copies of complete or proposed acts may be obtained by writing to the congressional committee involved. *Education U.S.A.* often provides notices of proposed legislation and informs its readers of the best way to obtain copies. Some recent government publications have summarized education legislation, and a

monthly publication, *Health, Education, and Welfare Indicators*, is useful in keeping the media specialist and teachers up-to-date in these matters.

The aforementioned publication also provides help in selecting periodicals. The importance of periodicals in bringing new research and new ideas in education to teachers cannot be overstressed, since magazine articles are customarily the first place in which these things are reported. *Education Index*, published by the H. W. Wilson Co., is an indispensable tool to be used in locating these articles. *Current Index to Journals in Education*, published monthly by CCM Information Corp., provides detailed indexing for over 500 education and education-related journals.

A large centralized district library or a teacher's library in an elementary school may have subscriptions to a few general magazines with frequent, good articles of particular interest to educators. *Saturday Review* has an excellent education supplement once a month; also useful are *Harper's, Atlantic, Current, The Nation,* and *The New Republic*. The media specialist may also wish to purchase single issues of popular magazines when they contain newsworthy articles on education. NEA's *Magazine Report* summarizes articles of this type but reports them too late for the purchase of current copies of the magazines. *Education U.S.A.* each week forecasts articles of interest to educators which will appear in general magazines. It should be remembered that teachers need to see articles having wide circulation even if they are inaccurate, sensational, or unfavorable to public education.

Nonprint media have an important place in the professional library. The majority of elementary, middle, and high schools do not have sufficient budgets to buy films; but they can borrow or rent them. The system-level library should provide access for individual schools to at least 3,000 titles, with sufficient duplicate prints to satisfy 90 percent of all requests. This is a minimal figure and access to additional titles up to a total of 5,000 titles may be needed.[6] A union catalog should be maintained, providing accessibility to the film and nonprint collection.

The media specialist should know the effective utilization of audiovisual equipment and make the teacher aware of all the possibilities. The journal *Audio-Visual Instruction* is an excellent source, in addition to the items listed in the Books and Pamphlets Bibliography.

Some of the most important sources of materials are the free and inexpensive listings. There are the well-known annual or biennial listings: *Free and Inexpensive Learning Materials*, put out by George Peabody College for Teachers, Nashville, Tenn., and the *Educator's Guide* series (annuals) of free films, filmstrips, tapes, guidance materials, teaching aids, science materials, and social studies materials put out by the Educators Progress Service of Randolph, Wis. Many periodicals have free and inexpensive listings regularly, e.g., "An Annual List of Free and Inexpensive Materials" in the September issue of the *English Journal*, the column "Write for These" published each month in the *Wilson Library Bulletin*, and the monthly "Free or Inexpensive" listings in *Today's Education*. Media specialists should watch for these listings and make the most of them.

A few general guidelines to selection of materials are: (1) The needs of individual professional development should take precedence over textbooks for individual teachers taking course work. However, if funds permit, books may be purchased which will benefit teachers who are taking courses. (2) Some books need to be purchased simply because they are controversial or illustrative of a fad. (3) Teachers will expect the library to contain some books on the aspects of our society which are influencing and being influenced by education to an ever-increasing degree today—the civil rights struggle, the population explosion, the war on poverty, automation, and the technological revolution. Although these books

[6] *Ibid.*

should be found as part of the general collection in a school library, it may be necessary to have duplicates in the teacher's library.

Books and Pamphlets

Books and pamphlets are arranged alphabetically by subject, (Subject headings more or less following the Dewey Decimal Classification system have been provided for the two bibliographies in this book; see the Subject Heading Index at the back of the book.) Sometimes orthodox library classifications and subject headings do not seem to be the most satisfactory for users of the teacher's library. Library terminology is not always the same as that of educators and may be confusing or annoying to teachers. There are disadvantages either in spending time trying to make adaptations, which in any case will not be satisfactory to everyone, or in following library rules mechanically regardless of whether or not they meet specific needs. Each media specialist must decide what procedure is most practical.

Much of the most significant material in the field of education comes in pamphlet form. The most significant pamphlets should be placed in pamphlet binders and cataloged as books. Vertical files provide the best way of housing the pamphlet collection; the usual arrangement is by subject. Some media specialists may wish to keep separate such series as NEA's "What Research Says to the Teacher" and the bulletins of the Office of Education. Bibliographies of one special kind or from one organization might be kept together. Some special collections or pamphlets may be kept in Princeton files or pamphlet boxes, which can be secured from any of the library supply houses. *Education Index* provides suggestions for subject headings for the vertical file. However, some media specialists may prefer fewer and more general headings than used in this publication and may want to use *Sears' List of Subject Headings* for pamphlets as well as for the catalog.

Periodicals

In *Media Programs: District and School,* a minimum of 400 square feet is suggested for space allocation for storage of periodicals. The area should be located near the periodical indexes, current periodical shelving, and microform readers.

Binding periodicals is expensive and space-consuming and can best be done on a regional basis. If the district library in the area has a good back file of periodicals for research purposes, the needs of scholarly research can be met. Holdings that extend back more than five years are retained, discarded, or replaced by microform editions, according to needs.

Nonprint Media

Films, filmstrips, records, cassettes, transparencies, paintings, slides, kits, and games are classified by the Dewey Decimal Classification subject headings and numbers and cataloged in the same way as books. Large high school collections are often arranged by subject and by accession numbers. Whatever method of organization is used, the important point to keep in mind is that the media should be easily accessible.

Teacher-produced materials should be cataloged in the school media collection. The catalog cards should be interfiled in the main card catalog, bringing together all types of materials on a given subject in one convenient location for the user.[7]

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[7]Brumback, Ella L. "Accessibility Is the Key: The Organization of Locally Produced Materials." *High School Journal* (May 1976): 358.

Audiovisual Hardware

The storing of audiovisual materials and equipment requires extra space and cabinets or other receptacles for storage. There are a number of publications which offer help in caring for these materials properly.

Circulation of Materials

The circulation policy of the professional library should be designed to make all materials as accessible as possible to teachers and administrators and should be as liberal as the amount of the budget, the size of the collection, and the number of staff will allow. Whether or not materials may be circulated to those not connected with the school or school district will depend upon the accessibility and quality of other libraries in the area and the decision of the school district board of education.

GETTING STARTED

In situations where there is no functional teacher's library at the system level, the means employed to get one started will perhaps have more to do with its eventual value than any other one factor. A beautifully organized collection of thousands of volumes reposing in splendid isolation from those who need it is of no value. The way in which the library and its function are perceived by teachers, administrators, and media specialists is vital to its success. This perception can be influenced most effectively when the library is first being organized. Harmful or erroneous perceptions can be changed later, but only with much greater difficulty.

The desirable thing is to have a teacher's library which is recognized by the teacher as a valuable, usable tool; by the administrator as a responsibility as well as a useful facility vital to a quality program; and by the media specialist as an important duty, the value of which can be judged best by the degree to which it is used by others, even at the risk of loss of organizational efficiency.

If the teacher's library is to be effective, careful consideration must be given to the following points. The library should not be started by the media specialist alone, nor by the adminstrator alone, but should result from a discussion of the need for such a facility by teachers, administrators, and media staff together. If teachers are involved at the point where the library is still an idea and given some voice in its organization, location, and compiling, they are much more likely to perceive it as a familiar tool useful to them. Consequently, they will use it much more frequently.

The administrator should see the creation of this attitude toward the library as a significant duty. If the administrator has been a partner with the teachers and the media specialists in developing the idea, a much healthier attitude will be the result. The administrator carries, in addition, a special responsibility for arranging the adequate financing of the library and should also serve as the arbiter when conflicts arise over its use.

The media specialist, as an educator and a professional person, should perceive the library to be useful and consider duties in the teacher's library to be equally as important as other duties and should guard against any tendency to view this collection as a poor relation to the main collection. Time should not be begrudged in developing the library or in helping teachers to use it.

Once good attitudes have been developed toward the library, they should not be allowed to go unattended. Here are some suggestions that may help preserve or develop good attitudes: (1) Involve teachers in selection of additions to the library, (2) locate the collection conveniently and consider branch collections in such places as faculty lounge and departmental offices, (3) assist teachers to use the library and help them with research problems, (4) keep the entire operation open to suggestions and criticism, (5) bring out as frequently as possible lists of new acquisitions with brief annotations, (6) arrange for periodic reviews of books, but when reviewing for the entire staff, pick only timely items of general interest, (7) arrange displays and special collections on timely themes, (8) devise a system for routing certain materials to appropriate staff members, (9) bring to the attention of faculty groups working on a specific problem, e.g., curriculum, the available references on the topic, (10) if the teacher's library is housed in a central place, arrange for available and adequate time for its use, when teachers may easily visit and browse through available materials, (11) circulate traveling collections which may be housed in various schools for a period of time.

How should one begin if little money is available? Here are a few ideas that have worked:

- Collect all recent examination copies of textbooks ordered by committees involved in changing current textbooks. Most schools allow a

change every five years. New teachers and student teachers, particularly, find these supplementary texts valuable.

- Collect and buy as many inexpensive but carefully selected pamphlets as possible.
- Order as many books, periodicals, and nonprint materials listed in this publication as the budget will allow.
- Collect all professional educational titles, both hardbound and paperback, in the school library and transfer them to the teacher's library.
- Ask local organizations and civic groups to furnish appropriate materials.
- Use the faculty member as one of the best sources. Administrators often bring valuable additions to the collection back from conferences. If teachers and administrators are made aware of the need, they will contribute worthwhile bibliographies, resource units, outlines, and other materials which they have used successfully.
- Process through the library all the new materials which individual teachers and department heads are permitted to buy. Then every teacher will know what new materials are available and where they may be found.

The bibliography presented here can aid existing teacher's libraries to improve and update their collections. For the small school with more limited resources, it is hoped that it can chart the way to a useful beginning teacher's library which can grow in value from year to year.

BIBLIOGRAPHIES

GUIDE TO ENTRIES

Each of the bibliographic entries in the remainder of the book has one or more letters at the left: "KE" indicates media which should be available in both kindergarten and elementary schools; "EMS" indicates media which should be available to teachers in elementary, middle, and secondary schools, "E" and "S" are used to indicate media of value to teachers in elementary or secondary schools, respectively; "M" indicates media of value to teachers in middle schools.

Both print and nonprint media are listed alphabetically by subject. Under each subject heading, arrangement is alphabetically by author or title. Full buying information is given. The names of publishers and nonprint suppliers are given in short form in the entries. Full names as well as addresses appear in the List of Publishers and the List of Suppliers. No materials known to be out-of-print are included. Alphabetical indexes for titles and authors of both print and nonprint materials appear at the end of this book. An index to the subject headings also appears in the back of the book.

Professional periodicals are arranged in a separate list, alphabetically by title, with full buying information.

BOOKS AND PAMPHLETS BIBLIOGRAPHY

Adult Education–Higher and Continuing Education

Hutchins, Robert M. *The University of Utopia.* Chicago: University of Chicago Press, 1953. 103 pp. $2.25 (paper)

S Discusses the hazards of higher education, especially those associated with industrialization, specialization, philosophical diversity, social and political conformity.

Koschnick, Kay, ed. *Having a Baby.* Syracuse, N.Y.: New Readers Press, 1971-75. Illus. $2.50

S This thorough treatment of pregnancy, childbirth, and the family's relationship to the newborn will be very useful for adults and young adults. The focus is on the practical information expectant parents want and need. Each chapter of the book is also available in pamphlet form. The index is helpful, and the illustrations, both photographs and drawings, are excellent.

Laubach, Frank C., *et al. Everyday Reading and Writing.* Syracuse, N.Y.: New Readers Press, 1970. Illus. $3.95

M Though this book was designed as a follow-up to the New Streamlined English series, it would be useful with any adult who can read on or above the sixth-grade level. It includes units on reading newspapers, writing letters, reading maps, using the telephone, using the library, and so on. Each of the 14 units in the book is also available as a pamphlet.

Mangano, Joseph A., ed. *Strategies for Adult Basic Education.* Newark, Del.: International Reading Association, 1969. 82 pp. $3.50

Describes ABE programs, innovations, the Job Corps Literacy Program and others.

Reader Development Bibliography and Supplement. Syracuse, N.Y.: New Readers Press, 1974, 1975. $2.50; supplement, $1

M An annotated, graded bibliography of materials selected for use with adults and young adults who read on or below the eighth-grade reading level. Over 300 titles, encompassing some 725 books, are included in the two volumes, which are cumulative through February 1975. A 1976 supplement is available.

Aeronautics

Collins, Michael. *Carrying the Fire.* New York: Farrar, Straus & Giroux, 1974. $10

Astronaut Collins explains some of the technology of moon flights; a chronology of the space program, 1961-1975, is included.

Gunter, Paul. *The Satellite Spin-Off.* Washington, D.C.: Robert B. Luce, 1975.

MS Discusses the achievements of communications, weather, navigational and geological exploration satellites.

Von Braun, Wernher, and Ordway, Frederick I. *History of Rocketry and Space Travel.* New York: Crowell, 1975.

General history of rocketry and space exploration.

Agriculture Education

Bender, Ralph E., and Taylor, Robert E. *The FFA and You.* Danville, Ill.: Interstate, 1974. $8.75

S A how-to-do-it book, inspirational in tone. Provides specific suggestions on operating a successful Future Farmers of America chapter. Useful to advisers of FFA chapters as well as to active members of the Future Farmers of America.

Bryan, Harold M. *Guidance in Agricultural Education.* (2nd ed.) Danville, Ill.: Interstate, 1966. 298 pp. $6.25

S Written specifically for teachers of agriculture and for guidance counselors. Provides an understanding and knowledge of the growing numbers of occupations designated as agricultural. Discusses specific practices for teaching occupational information in a career unit and using occupational information in teaching technical agriculture subject matter.

Hoover, Norman K. *Handbook of Agricultural Occupations.* Danville, Ill.: Interstate, 1969. $10.75

S A handbook written especially for high school youth who wish to explore employment opportunities in agriculture. Includes brief descriptions of agricultural occupations, especially those which are off the farm.

Phipps, Lloyd J. *Handbook on Agricultural Education in Public Schools.* Danville, Ill.: Interstate, 1972. $9.75

S Contains material on Public Law 347 and the Vocational Education Act of 1963, both of which make sweeping changes affecting agricultural education. Covers all aspects of the total program in vocational agriculture in detail.

Anthropology

Braidwood, Robert J. *Prehistoric Man.* 8th ed. Glenview, Ill.: Scott, Foresman, 1975. $4.75 (paper)

S A simple and clear account of physical anthropology, fossil man, and race, as well as archeological methods, stone-age cultures, manufacture and use of tools, agricultural revolution, and the meaning of "civilization."

Brown, Ina C. *Understanding Other Cultures.* Englewood Cliffs, N.J.: Prentice-Hall, 1963. 184 pp. $2.95 (paper)

S Many of the basic anthropological concepts discussed in clear, nontechnical language. Useful guide to further reading included.

Dobzhansky, Theodosius. *Mankind Evolving: The Evolution of the Human Species.* New Haven, Conn.: Yale University Press, 1962. 381 pp. $3.95 (paper)

S Evolution of the human species in two of its aspects: scientific and cultural. Considers genetics, natural selection, adaptation, and sociology.

Hall, Edward T. *The Silent Language.* New York: Doubleday, 1973. $1.95 (paper)

EMS An anthropological analysis of the various ways in which people communicate nonverbally. Describes and illustrates the author's analytic theory of culture as a form of communication.

Hoebel, Edward Adamson. *Anthropology: The Study of Man.* 4th ed. New York: McGraw-Hill, 1972. $12.95

EMS A leading introductory textbook which emphasizes the biological-cultural nature of man and cross-cultural comparisons. Combines description and interpretation.

Hoebel, Edward Adamson. *The Cheyennes: Indians of the Great Plains.* New York: Holt, Rinehart and Winston, 1960. $3 (paper)

EMS Description of the way of life of a tribe of nomadic warriors of the U.S. Great Plains. Illustrates how religion supports and integrates with other facets of culture.

Kluckhohn, Clyde. *Mirror for Man: The Relation of Anthropology to Modern Life.* New York: Fawcett World, 1972. 95 cents (paper)

EMS A basic statement on the contribution of anthropology to understanding the nature of culture and modern problems. Written for the layman. Describes in nontechnical fashion the various ramifications of anthropology.

Lisitzky, Gene. *Four Ways of Being Human.* New York: Viking Press, 1956. 303 pp. $2.25 (paper)

EMS A short discussion of the nature of anthropology and the values to be derived from its study, followed by descriptions of the way of life of four societies (Semang, Hopi, Eskimo, Maori).

Spencer, Robert F., *et al. The Native Americans.* New York: Harper & Row, 1965. 539 pp. Illus. $16.95

EMS A comprehensive, well-written presentation of the ethnology and archeology of the North American Indian by recognized specialists on each geographic region (culture area) or subject.

Spindler, George D., ed. *Education and Culture: Anthropological Approaches.* New York: Holt, Rinehart and Winston, 1963. 571 pp. $7.50 (paper)

S Contains 25 papers on three aspects of the applications of anthropology to education: (a) relationship of anthropological concepts, methods, and data to education, (b) educational processes in our own society, and (c) analysis of education in non-Western societies.

Underhill, Ruth M. *Red Man's America.* Rev. ed. Chicago: University of Chicago Press, 1971. $4.95 (paper)

S Two chapters on the peopling of the Americas, followed by highlights of Indian history and the origin and cultures of Indian groups by geographical regions.

Art

Arnheim, Rudolf. *Art and Visual Perception: A Psychology of the Creative Eye . . . the New Version.* Berkeley: University of California Press, 1974. $5.95 (paper)

EMS Reports on years of experimentation and thought leading to the belief that perceiving is thinking and all observation is invention.

Association for Childhood Education International. *Art Guide—Let's Create a Form.* Washington, D.C.: the Association, 1969. 54 pp. $2.50 (paper)

KE Professional help to teachers wanting to provide guidance and encouragement to children for expression through art. Developed by San Diego County Department of Education.

Association for Childhood Education International. *Art Guide—Let's Make a Picture.* Washington, D.C.: the Association, 1969. 76 pp. $2.25 (paper)

KE Includes discussion of what one sees in a picture, many specific teaching ideas from tempera painting to toothpick pictures. By San Diego County Department of Education.

Barford, George. *Clay in the Classroom: A Means to Creative Expression.* Worcester, Mass.: Davis Publications, 1964. 118 pp. Illus. $6.95

EMS A complete, logical, and simple description of the many ways clay can be worked. Suitable for a beginner at any level.

Betts, Victoria B. *Exploring Papier-Mâché.* Rev. ed. Worcester, Mass.: Davis Publications, 1966. $6.95

EMS A comprehensive manual for classroom use with description of techniques and pictures.

Bland, Jane Cooper. *Art of the Young Child, 3 to 5 Years.* Rev. ed. New York: Museum of Modern Art, 1968. $4.95

E A pamphlet on the art of children from 3 to 5 years of age. Illustrated in color and black and white with descriptions of the development of creative expression and ways in which adults can help in this development.

Dewey, John. *Art as Experience.* New York: Putnam's, 1959. 355 pp. $2.85 (paper)

S Aesthetic experience viewed as part of man's total experience.

Eisner, Elliot W., and Ecker, David W., eds. *Readings in Art Education.* New York: Wiley, 1966. $11.95

EMS Thoughtful selections from the wide range of printed material on art education. Several original pieces by the editors.

Feldman, Edmund Burke. *Art as Image and Idea.* 2nd ed. Englewood Cliffs, N.J.: Prentice-Hall, 1972. $13.95

S A lucid account of the potential role art may have in our lives.

Gombrich, E. H. *Art and Illusion: A Study in the Psychology of Pictorial Representation.* Princeton, N.J.: Princeton University Press, 1961. 466 pp. Illus. $7.95

EMS Attempts to show why understanding of man's nature and perceptual mechanism is essential to a full appreciation of his works of art.

Gombrich, E. H. *The Story of Art.* 12th ed. New York: Phaidon Press, 1974. $8.95 (paper)

EMS One of the clearest and simplest chronological surveys of art in print.

Greenberg, Pearl. *Children's Experiences in Art.* New York: Van Nostrand Reinhold, 1966. 132 pp. Illus. $7.95

E A fine statement drawn from years of teaching about the way children create and how to help them achieve greater satisfaction.

Guyler, Vivian. *Design in Nature.* Worcester, Mass.: Davis Publications, 1970. 124 pp. Illus. $9.95

EMS Excellent for study of art in nature.

Hochman, Shirley. *Identifying Art.* New York: Sterling, 1974. $5.69

EM Color and black-and-white illustrations of famous paintings with discussion of the artists' lives and schools.

Horn, George. *Posters: Designing, Making, Reproducing.* Worcester, Mass.: Davis Publications, 1964. Illus. 96 pp. $6.50

MS Tells how to create poster art.

Horn, George, and Smith, Grace S. *Experiencing Art in the Elementary School.* Worcester, Mass.: Davis Publications, 1970. 240 pp. Illus. $10.95

KE Guide for teaching art (K-8 levels).

Janson, Horst W. *History of Art: A Visual Survey.* Rev. ed. New York: Abrams, 1969. $25

S A picture resource which identifies 1,000 or so major art objects. Large black-and-white photographs with complete labels.

Klemin, Diana. *The Art of Art for Children's Books: A Contemporary Survey.* New York: Po ter, 1966. 128 pp. Illus. $6.95

E Essentially an illustrated catalog of examples of fine illustration with helpful annotations.

Lewis, Hilda. *Present Art Education in the Elementary School.* Washington, D.C.: Association of Classroom Teachers, NEA, 1972. 33 pp. 50 cents

E Discusses the role of the teacher; art appreciation; children's art and how to evaluate their progress.

Lowenfeld, Viktor, and Brittain, W. L. *Creative and Mental Growth.* 6th ed. New York: Macmillan, 1975. $11.95

EMS A classic study modified and brought up to date so that it is now more valuable than ever in relating psychological and creative development.

Merritt, Helen. *Guiding Free Expression in Children's Art.* New York: Holt, Rinehart and Winston, 1964. 88 pp. $2.10 (paper)

E A down-to-earth statement by a practitioner who likes children and has had success teaching them about art.

Mumford, Lewis. *Art and Technics.* New York: Columbia University Press, 1960. 162 pp. $1.95 (paper)

EMS Several essays which examine the effect of contemporary technology on the artist and the appreciating audience.

Platts, Mary E. *Create.* Stevensville, Mich.: Educational Service, 1966. $5.25

EM A handbook for teachers of elementary art.

Rasmussen, Sten Eiler. *Experiencing Architecture.* 2nd ed. Cambridge, Mass.: M.I.T. Press, 1962. 245 pp. Illus. $3.45 (paper)

EMS Perhaps the finest introduction to appreciating architecture as an aesthetic experience. A personal, lucid, and convincing statement.

Read, Herbert. *A Concise History of Modern Sculpture.* New York: Praeger, 1964. 310 pp. $5.95 (paper)

MS Although the most recent developments are treated rather summarily, provides as good and brief a survey of this century's sculpture as is available.

Read, Herbert, *et al. A Concise History of Modern Painting.* 3rd ed. New York: Praeger, 1975. $6.95 (paper)

EMS A capsule summary of the major movements of this century. Large number of reproductions useful for tracing trends and identifying artists.

Rich, J. C. *Materials and Methods of Sculpture.* New York: Oxford University Press, 1947. 416 pp. Illus. $15

S Still the most complete resource for technical information up to the age of plastics and welded sculpture.

Rottger, Ernst. *Creative Wood Design.* New York: Van Nostrand Reinhold, 1972. $3.95 (paper)

EMS Designed to arouse interest in wood carving. For teachers, students, and persons interested in crafts.

Rottger, Ernst, and Klante, Dieter. *Creative Drawing: Point and Line.* New York: Van Nostrand Reinhold, 1964. 143 pp. Illus. $3.95

E Discusses the possibilities of line drawing for children of all ages. Primarily a series of organized reproductions and extended captions.

Smith, Ralph A., ed. *Aesthetic Concepts and Education.* Urbana: University of Illinois Press, 1970. $9.50

EMS A particularly important collection in the current phase of art education development, with a strong section on the art of the film.

Supensky, Thomas G. *Ceramic Art in the School Program.* Worcester, Mass.: Davis Publications, 1968. 112 pp. Illus. $8.95

MS Techniques of clay construction with examples of modern ceramics.

Timmons, Virginia G. *Art Materials, Techniques, Ideas.* Worcester, Mass.: Davis Publications, 1974. 176 pp. Illus. $11.95

EMS A resource book for teachers; deals with basic art materials and techniques.

Timmons, Virginia G. *Painting in the School Program.* Worcester, Mass.: Davis Publications, 1968. 136 pp. Illus. $9.95

EM Appreciation of painting as part of art program.

Weitz, Morris. *Problems in Aesthetics: An Introductory Book of Readings.* 2nd ed. New York: Macmillan, 1970. $11.50

EMS An anthology covering the field from Plato to the present. A fine introduction to the field.

Wright, Frank Lloyd. *The Living City.* New York: New American Library, 1958. 222 pp. $2.95 (paper)

S Philosophy, predictions, and thoughts on architecture mingled to give a vivid impression of Wright, the architect, and his architecture.

Zevi, Bruno. *Architecture as Space: How To Look at Architecture.* New York: Horizon Press, 1975. $8.95 (paper)

S A strong statement about the way one ought to look at architecture—not as sculpture but as functioning space.

Astronomy

Abell, George. *Exploration of the Universe.* 3rd ed. New York: Holt, Rinehart and Winston, 1975. $15

EMS Comprehensive introductory college text recommended as the foundation book of astronomy collections in libraries and personal libraries of interested nonspecialists; valuable for instruction, background reading, and general reference.

Alter, Dinsmore, *et al. Pictorial Astronomy.* Rev. ed. New York: Crowell, 1974. $12.50

ES Widely used basic book for the beginning student or amateur astronomer; divided into sections dealing with the earth, the moon, eclipses, the planets, comets and meteors, and the stars and nebulae.

Asimov, Isaac. *Science Past, Science Future.* New York: Doubleday, 1975. $5.90

S Essays on the impact of science and technology in the past and in the future.

Asimov, Isaac. *To the Ends of the Universe.* Rev. ed. New York: Walker, 1976. $4.36

MS History of astronomy and a comprehensive survey of the origins, evolution, bodies, phenomena, and current status of the observable universe.

Baker, Robert H. *Astronomy.* 9th ed. New York: Van Nostrand Reinhold, 1971. $14.95

S Acclaimed for clarity and completeness. A basic college introductory textbook, useful for reference.

Branley, Franklyn M. *North, South, East and West.* New York: Crowell, 1966. $4.50

KE Helps young children gain knowledge of the concept of directions, with the relation of the sun and shadows to these directions illustrated in color in sequences. Introduces compass as a means of determining direction.

Hoehn, Robert G. *Illustrated Treasury of General Science Activities.* New York: Parker Publications, 1975. $10.40

MS Experiments, problems, questions and investigations for students in areas of astronomy, oceanography, ecology, and other related fields.

Howard, Neale E. *The Telescope Handbook and Star Atlas.* Rev. (2nd) ed. New York: Crowell, 1975. $14.95

S Describes all kinds of telescopes, compares costs and performance, and tells how to mount and use them. Fifteeen star maps with special overlays show the stars as seen with the naked eye and as they appear through the telescope. An accompanying celestial gazetteer.

Hoyle, Fred. *Highlights in Astronomy*. San Francisco, Calif.: W. H. Freeman, 1975. $10

S Describes recent discoveries and theories concerning the origins, evolutions, physical properties, and operations of earth, the other planets, the sun, comets, stars, galaxies, and other cosmic structures and processes.

Page, Thornton, and Page, Lou Williams. *The Origin of the Solar System*. New York: Macmillan, 1966. 336 pp. $7.95

S Collection of articles by prominent astronomers, astrophysicists, chemists, and geologists that trace the history of theories and developments related to the origin of the solar system and to recent space exploration.

Audio-Visual Teaching Aids and Methods

American Association of School Librarians and Association for Educational Communications and Technology. *Media Programs: District and School*. Washington, D.C.: the Associations, 1975. $2.95 (paper)

KEMS Publication replaces *Standards for School Media Programs* (1969). Provides new guidelines and recommendations for media programs and resources essential for quality education.

Association for Educational Communications and Technology. *Educational Facilities with New Media*. Washington, D.C.: the Association, 1969. 210 pp. $6.95

EMS An easy reference for relating building design to educational media.

Association for Educational Communications and Technology. *Nonprint Media Information Networking: Status and Potentials*. Stanford, Calif.: Stanford University Press, 1976. 60 pp. $3.50

EMS Possibilities of developing a network to make available specific information on software (1976 AECT Conference Program).

Brown, James W., and Norberg, Kenneth. *Administering Educational Media: Instructional Technology and Library Services*. 2nd ed. New York: McGraw-Hill, 1972. $11.95

S Guide for the administration of newer audiovisual media as well as printed materials. Designed for both preservice and in-service teachers, media specialists, and school administrators.

Diamond, Robert M., ed. *A Guide to Instructional Television*. New York: McGraw-Hill, 1964. 304 pp. $9.95

S Comprehensive treatment of ITV, from small to elaborate installations. Prepared by experienced practitioners.

Erickson, Carlton W., and Curl, David H. *Fundamentals of Teaching with Audio-visual Technology*. 2nd ed. New York: Macmillan, 1972. $11.95

EMS A new and comprehensive text on media in the classroom, well-illustrated and current. Includes extensive classroom examples of the application of media to specific curriculum.

Kemp, Jerrold E. *Planning and Producing Audio-Visual Materials*. 3rd ed. New York: Crowell, 1975. $10

EMS A handbook covering planning, basic skills, and production techniques in photography, graphic arts, sound recording, picture series, film slides, motion pictures, and television.

National Audio-Visual Association. *Audio-Visual Equipment Directory.* Fairfax, Va.: the Association (published annually). $14.50

S Includes photographs, prices, and brief descriptions of currently available equipment. Includes addresses of manufacturers of AV equipment.

Wittich, Walter A., *et al. Instructional Technology: Its Nature and Use: Student Production Guide.* 5th ed. New York: Harper & Row, 1975. $8.95

EMS Introductory text in audiovisual education. Each chapter concluded with a summary, suggested activities, and a bibliography. Includes thought-provoking questions and schematic diagrams for equipment.

Bilingual/Bicultural Education

Alatis, James E., ed. *Linguistics and the Teaching of Standard English to Speakers of Other Languages or Dialects.* Washington, D.C.: Georgetown University Press, 1970. 267 pp. $2.95

Report of the 20th annual round table meeting on linguistics and language studies.

Bennett, George E., ed. *Library Materials for Schools in Appalachia.* Morgantown, W.Va.: West Virginia University Library, 1974. 70 pp. $2

Annotates media selected to give a deeper insight into the culture of Appalachia.

Center for Applied Linguistics. *Selected List of Instructional Materials for English as a Second Language, Elementary Level* and *Secondary Level.* Arlington, Va.: the Center, 1974. 6 pp., 4 pp. Free

Davis, A. L., ed. *Culture, Class and Language Variety. A Resource Book for Teachers.* Urbana, Ill.: National Council of Teachers of English, 1972. 230 pp. $5.75

Ten articles designed to help teachers deal more effectively with the language problems of children who speak nonstandard dialects.

The Education of the Minority Child: A Comprehensive Bibliography of 10,000 Selected Entries. Evanston, Ill.: Integrated Education Associates, Northwestern University. 530 pp. $5.95 (paper)

Covers especially the education of black, Mexican-American, American Indian, and Puerto Rican children.

Epie Institute (Educational Products Information Exchange). *Selector's Guide for Bilingual Education Materials.* Nos. 73 and 74, vols. 1 and 2. Spanish "Branch" Programs. New York: the Institute, 1976. 152 pp. $10 (paper)

EMS To facilitate the bilingual educator's search for materials.

ERIC Clearinghouse on Early Childhood Education. *Bilingual/Bicultural/Multicultural Resources.* Urbana: the Clearinghouse, University of Illinois, 1975. 6 pp. Free

Four-part list includes information sources, materials for teachers and parents, newsletters and bulletins, and bibliographies.

Griffin, Louise. *Books in Preschool.* Washington, D.C.: National Association for the Education of Young Children, 1970. 48 pp. $2

K Guide to selection of preschool books; also listings of bilingual books, books in English using non-English phrases.

Keating, Charlotte W. *Building Bridges of Understanding Between Cultures.* Tucson, Ariz.: Palo Verde, 1971. $7.95

EM Annotations of books about Afro-Americans, Indians, Eskimos, Spanish-speaking Americans, Asian-Americans, nationality groups, and religious minorities.

Nichols, Margaret S., and O'Neill, Peggy. *Multicultural Materials: A Selected Bibliography.* Stanford, Calif.: Multicultural Resources, 1974. $2.50

Ogletree, Earl J., and Garcia, David. *Education of the Spanish-Speaking Urban Child.* Springfield, Ill.: Charles C. Thomas, 1975. 474 pp.

Discusses cultural heritage, problems of integration, the burden of the Spanish-speaking child's negative self-concept, and the requirements and organization of the bilingual school.

Oral Language Tests for Bilingual Students: An Evaluation of Language Dominance and Proficiency Instruments. Portland, Ore.: Northwest Regional Educational Laboratory, 1976. $4.75

Describes and evaluates 50 tests used nationwide with bilingual students to determine their dominant language and ability to use and understand English.

Politzer, Robert L., and Politzer, Frieda N. *Teaching English as a Second Language.* Lexington, Mass.: Xerox College Publishing, 1972. 254 pp.

Saville-Troike, Muriel. *Bilingual Children: A Resource Document Prepared for Child Development Associate Consortium.* Arlington, Va.: Center for Applied Linguistics, August 1973. 153 pp.

A presentation of research on first and second language acquisition, home environments, and other cultural factors that affect the cognitive and affective development of bilingual minority children.

Today's Education. "Special Feature on Bilingual-Multicultural Education." *Today's Education* 64 (Jan.-Feb. 1975): 71-84.

An overview of bilingual education with articles on teacher preparation, the action taken by the 93rd Congress, and the Lau v. Nichols Supreme Court decision.

U.S. Commission on Civil Rights Clearinghouse. *A Better Chance To Learn: Bilingual-Bicultural Education.* Publication 51. Washington, D.C.: the Clearinghouse, 1975.

Historical overview; program structures; description and evaluation; federal and state policies.

Valette, Rebecca M. *Modern Language Testing.* New York: Harcourt Brace Jovanovich, 1967. 200 pp. $5.95

S A handbook with suggestions for testing achievement in listening and speaking. Specific aids provided in chaps. 5-9.

Biology

Amos, William H. *The Life of the Seashore.* New York: McGraw-Hill, 1966. 311 pp. $5.50

MS Ecologically oriented. Presents a wealth of biological material in a highly readable manner.

Berger, Andrew J. *Elementary Human Anatomy.* New York: Wiley, 1964. 538 pp. $13.25

S A chapter devoted to each of the nine systems and one to each major region: head and neck, thorax, abdomen, pelvis, upper limb, and lower limb.

Gray's Anatomy. Philadelphia, Pa.: Running Press, 1976. $8.95 (paper)

MS Illustrated edition of the American classic anatomy book.

Gray, Peter, ed. *The Encyclopedia of the Biological Sciences.* 2nd ed. New York: Van Nostrand Reinhold, 1970. $29.95

S A scholarly reference of over 800 articles on bilogical subjects. Uses correct terminology and exhibits scientific thoroughness.

Jones, Ruth McClung. *Basic Microscopic Technics.* Chicago: University of Chicago Press, 1966. 334 pp. Illus. $4.75

S Covers principles. Accurate, detailed instructions for the handling of living and fixed tissues, instrumentation, and the preparation and staining of a large variety of specimens for microscopic study. Alphabetical listing of reagents, supplies, formulas for solutions, equipment referred to in the text, and a list of suppliers.

Katz, Bernard. *Nerve, Muscle and Synapse.* New York: McGraw-Hill, 1966. 193 pp. Illus. $5.50 (paper)

S Explains what is known about the transmission of messages in the living body. Intended for the college student. Also can be used by the biology teacher and advanced high school students.

Morholt, Evelyn, *et al. Teaching High School Science: A Sourcebook for the Biological Sciences.* 2nd ed. New York: Harcourt Brace Jovanovich, 1966. $11.95

S Useful techniques in teaching biology, general science, health, botany, and zoology.

Scheinfeld, Amram. *Your Heredity and Environment.* Philadelphia: Lippincott, 1965. 830 pp. Illus. $20.95

EMS A thorough revision and enlargement of the author's *New You and Heredity.* Essential facts of human biology (embryology, genetics, heredity, and eugenics). New sections on human biochemistry and nucleic acids. Contains glossary, inheritance forecast tables, selected periodical list, and bibliography keyed to various chapters of the book. Basic knowledge for all teachers.

Sinnott, Edmund W., *et al. Principles of Genetics.* 5th ed. New York: McGraw-Hill, 1958. 459 pp. Illus. $14.95

S One of the most widely used college textbooks, which has been kept abreast of modern developments through periodic revisions. A superb resource book for high school teachers and good reference material for their students.

Black Studies

Broderick, Francis L., and Meier, August, eds. *Negro Protest Thought in the Twentieth Century.* Indianapolis: Bobbs-Merrill, 1965. 444 pp. $3.45 (paper)

EMS Emphasizes the programs and platforms of the organizations that have spoken for blacks.

Irwin, Leonard B. *Black Studies: A Bibliography.* Ocean City, N.J.: McKinley, 1973. 122 pp. $8.50

Annotated list of books for students and teachers; deals with history of black people in America. Biographies; various aspects of Negro culture and achievement in the Arts.

Jackson, Miles M., Jr., ed. *A Bibliography of Negro History and Culture for Young Readers.* Pittsburgh: University of Pittsburgh Press, 1969. 134 pp. $2.95 (paper)

EMS List of materials for black studies courses.

Katz, William Loren. *Teachers' Guide to American Negro History.* New York: Franklin Watts, 1958. 192 pp. $2.65 (paper)

An annotated basic teacher library of print and nonprint media. Major units of American history chronologically arranged with annotated bibliographies.

National Education Association, PR & R Committee on Civil and Human Rights of Educators. *The Negro American in Paperback: A Selected List of Paperbound Books Compiled and Annotated for Secondary School Students.* Washington, D.C.: the Association, 1967. 28 pp. 50 cents

S Paperback books for black studies courses.

Porter, Dorothy B. *The Negro in the United States.* Washington, D.C.: Government Printing Office, 1970. $3.25

A selected bibliography compiled by the librarian of the Negro Collection.

San Francisco Unified School District. *Black America.* San Francisco, Calif.: the District, 1972. 33 pp. $3.29

EMS Selected bibliography of audiovisual materials of particular interest in the study of black Americans.

Smythe, Mabel, ed. *The Black American Reference Book.* Englewood Cliffs, N.J.: Prentice-Hall, 1976. 1026 pp. $35

Watson, Clifford D. *Pride.* Stevensville, Mich.: Educational Service, 1971. $5.25

E A handbook of activities to motivate the teaching of elementary black studies courses.

Botany

Blough, Glenn O. *Discovering Plants.* New York: McGraw-Hill, 1966. 48 pp. $4.72

E Written for primary grades; gives a wealth of basic information leading the reader to a well-rounded understanding of the whole plant and the importance of plants in our world. Suggests experiments or observations to help a child discover how plants are structured and how they grow.

Christensen, Clyde M. *The Molds and Man: An Introduction to the Fungi.* 3rd ed. Minneapolis: University of Minnesota, 1965. 284 pp. Illus. $8.50

S A unique and popular introduction to biology of the fungi, their role as parasites of plants and animals, and their destructive role in stored foods, building materials, and textiles. Information on industrial uses of fungi for food and pharmaceutical projects. Excellent chapter on experiments with fungi, sources of culture materials, and laboratory equipment. References.

Esau, Katherine. *Plant Anatomy.* 2nd ed. New York: Wiley, 1965. 767 pp. Illus. $19.25

S A very thorough coverage of plant anatomy. Covers all primary and secondary tissue systems. An excellent high school reference. Bibliography for each chapter.

Greulach, Victor A., and Adams, J. Edison. *Plants: An Introduction to Modern Botany.* 3rd ed. New York: Wiley, 1975. $12.95

S Up-to-date account. Meets the needs of teachers for a survey of physiology, morphology, cytology, ecology, and genetics. Bibliography at end of each chapter.

Business Education

Gregg, John Robert. *Gregg Shorthand Dictionary.* Diamond Jubilee Series. New York: McGraw-Hill, 1972. $7.95

S Provides a practical reference to a number of word outlines in Gregg shorthand; includes personal and geographical names as well as business phrases.

Hemphill, Phyllis D. *Business Communications.* Englewood Cliffs, N.J.: Prentice-Hall, 1976.

S Applies the basic principles of communication to business letters, memos, reports, speeches, and conferences.

Career Education and Vocational Education

Barlow, Melvin, ed. *Vocational Education.* Sixty-Fourth Yearbook of the Society for the Study of Education, Part I. Chicago: University of Chicago Press, 1965. 301 pp. $7.50

S Each of the 13 chapters devoted to one phase of vocational education in the United States, such as the impact of federal legislation and policies and the period between the passage of the Smith-Hughes law to the enactment of the Vocational Education Act of 1963.

Bearchell, Charles A. *Retailing: A Professional Approach.* New York: Harcourt Brace Jovanovich, 1975. $7.55

S Covers over-the-counter activities, market-potential assessment, trading-area and site-location selection, budget formation, merchandising, pricing, promotion and retail control.

Detjen, Ervin Winfred, and Detjen, Mary Ford. *Elementary School Guidance.* 2nd ed. New York: McGraw-Hill, 1963. 240 pp. $10.50

E Designed to help teachers improve the mental health of children, learn about the background of children, give children opportunities to express their grievances, and help children get along with each other.

Diamond, Esther E., and Kuder, Frederic. *The National Guidance Handbook: A Guide to Vocational Education Programs.* Chicago: Science Research Associates, 1976. 532 pp. $8.95

S Provides information about programs in technical and vocational education. Includes descriptions, information by state, available training, and a section on apprenticeship.

Freede, S. Robert. *Cash for College.* Englewood Cliffs, N.J.: Prentice-Hall, 1975. $6

S Gives public and private sources of scholarships, grants, and loans for college educations; offers criteria for applying for aid.

Frey, A. W., ed. *Marketing Handbook.* 2nd ed. New York: Ronald Press, 1965. $19.95

S A comprehensive reference book concerned with marketing goods and services.

Harbison, Frederick, and Myers, Charles A. *Education, Manpower and Economic Growth.* New York: McGraw-Hill, 1964. 223 pp. $11.50

S Strategies of human resource development.

Hawkins, Layton S., *et al. Development of Federal Legislation for Vocational Education.* 3rd ed. Compiled from "Development of Vocational Education,"

U.S. Department of Health, Education, and Welfare. Chicago: American Technical Society, 1962. 110 pp. $3.30

EMS Covers legislation from 1947 to the passage of the Manpower Development and Training Act of 1962.

Herbert, Tom, and Coyne, John. *Getting Skilled: A Guide to Private Trade and Technical Schools.* New York: Dutton, 1976. $4.95

S A report of an investigation of private trade and technical schools. Includes a list of all schools accredited by the National Association of Trade and Technical Schools.

Hopke, William E., ed. *The Encyclopedia of Careers and Vocational Guidance.* 3rd ed., 2 vols. New York: Doubleday, 1975. $39.50

S More comprehensive than the Department of Labor's *Occupational Outlook Handbook.* Contains chapters or units by specialists or other knowledgeable persons on various career fields in general. Specific jobs, trades, occupations, or specialties described in great detail.

Hoppock, Robert. *Occupational Information: Where To Get It and How To Use It in Career Education, Career Counseling, and Career Development.* 4th ed. New York: McGraw-Hill, 1976. $12.95

S Career information for those needing sources; stresses career choice and the value of resource centers.

Hoyt, Kenneth B. *Career Education: What It Is and How To Do It.* 2nd ed. Salt Lake City, Utah: Olympus, 1974. 238 pp. $4.95

S Explains the key concepts and the need for career education. Describes strategies to implement career education.

Loughary, John W., ed. *Counseling—A Growing Profession.* Washington, D.C.: American Personnel and Guidance Association, 1965. 128 pp. $2.50 (paper)

EMS Documents and evaluates the process by which the American Personnel and Guidance Association and two of its divisions (the American School Counselor Association and the Association for Counselor Education and Supervision) develop statements of policy on the role the counselor is to play and the preparation he or she needs.

Mauser, Ferdinand S., and Schwartz, David J. *American Business—An Introduction.* 3rd ed. New York: Harcourt Brace Jovanovich, 1974. $11.95

S A textbook arranged to show the practical application of business principles to problems of organizing and starting a business enterprise.

National Vocational Guidance Association. *NVGA Bibliography of Current Career Literature.* Rev. ed. Washington, D.C.: the Association, 1973. 122 pp. $2 (paper)

S An evaluated list of free and inexpensive career information materials.

Ohlsen, Merle M. *Guidance Services in the Modern School.* 2nd ed. New York: Harcourt Brace Jovanovich, 1974. $11.95

EMS A basic reference to help teachers, administrators, and counselors understand guidance and their respective functions in relation to these services.

Prakken, Lawrence W., *et al. Technician Education Yearbook, 1969-70.* 4th ed. Ann Arbor, Mich.: Prakken Publications, 1969. $10

S A source book of information on technical education in the United States. Includes agriculture technologies, business-related technologies, health technologies, and engineering technologies.

Rath, Patricia Mink, and Tapp, Gerald R. *Case Studies in Marketing and Distribution.* Danville, Ill.: Interstate, 1965. 179 pp. $2.95 (paper)

S Twenty-five cases describing problems in distribution and marketing which may be used as guides in developing decision-making abilities.

Roberts, Roy W. *Vocational and Practical Arts Education: History, Developments, and Principles.* 3rd ed. New York: Harper & Row, 1971. $13.95

S The history, development, and principles underlying vocational education. Reviews the various federally compensated vocational programs and pertinent legislation affecting vocational education.

Saterstrom, Mary H., *et al.*, eds. *Educators Guide to Free Guidance Materials.* Rev. ed. Randolph, Wis.: Educators Progress Service, 1975. $9.75 (paper)

EMS Items are arranged alphabetically under Career Planning Materials, Social-Personnel Materials, Responsibility: To Self and to Others, and Use of Leisure Time.

Tiedeman, David V., and O'Hara, Robert P. *Career Development: Choice and Adjustment.* Princeton, N.J.: College Entrance Examination Board, 1963. 115 pp. $2.50 (paper)

ES The first of two companion volumes on the subject of career development. Explores the relationship between an individual's personality and his choice of a career.

U.S. Bureau of Labor Statistics. *Occupational Outlook Handbook, 1976-77.* Washington, D.C.: Government Printing Office, 1976. $7

S The fundamental reference work for vocational guidance at the secondary school and college level. Describes duties, training, experience required, education needed, compensation, benefits, working conditions, etc., for most trades, occupations, skills, and professions.

Venn, Grant. *Man, Education and Work: Postsecondary Vocational and Technical Education.* Washington, D.C.: American Council on Education, 1964. 184 pp. $3.50 (paper)

S The result of a conference called by the American Vocational Association. Partial contents: the development of vocational and technical education in secondary and and higher education; the federal government and vocational and technical education; major issues in vocational and technical education.

Wirtz, Willard, and the National Manpower Institute. *The Boundless Resource; A Prospectus for an Education-Work Policy.* Washington, D.C.: New Republic Books, 1975. 205 pp. $7.95

S Calls for integration of education and work with youth and gives recommendations for accomplishing closer integration.

Chemistry

Asimov, Isaac. *Building Blocks of the Universe.* Rev. ed. New York: Abelard-Schuman, 1961. 280 pp. Illus. $4.95

ES A discussion of 102 of the basic elements of nature and the atomic laboratory. Considers the structure as well as everyday forms and uses of the most common elements (oxygen, hydrogen, and carbon).

Asimov, Issac. *The Search for the Elements.* New York: Basic Books, 1962. 158 pp. Illus. $7.95

S History of the development of chemistry. Includes discoveries and theories of the Greek philosophers, ancient and medieval alchemists, and Renaissance founders of the science, as well as modern research which has not only investigated the remain-

ing natural elements but synthesized others. Good companion to *Building Blocks of the Universe.*

Gilman, John Joseph, ed. *The Art and Science of Growing Crystals.* New York: Wiley, 1963. 493 pp. Illus. $33.25

S Consists of 23 separate articles by outstanding authorities. Presents authoritative and exhaustive treatment of all aspects of crystals, crystallography, and crystal growing. Requires some background in mathematics, physics, and chemistry. An excellent reference.

Gray, Charles A. *Explorations in Chemistry.* New York: Dutton, 1965. 224 pp. Illus. $7.25

ES Written by a former science fair winner to instruct young people interested in chemical experimentation in home laboratories. Teaches basic principles and concepts, and lays foundation for original research by amateurs. Bibliography.

Steere, Norman V., ed. *Safety in the Chemical Laboratory,* Vol. I. Washington, D.C.: American Chemical Society, 1967. $3; Vol. II, 1971, $3.50; Vol. III, 1973, $6.50

S Composed of articles which appeared in the *Journal of Chemical Education.* Articles arranged by topics and indexed. Includes sections on chemical hazards, toxicity and exposure limits, ventilation, fire hazards, fire-protected storage, containers and labeling, and emergency equipment and procedures.

Stock, Ralph, and Rice, C. B. F. *Chromatographic Methods.* 3rd ed. New York: Van Nostrand Reinhold, 1975. $8.95

S Summary account of techniques in current use. Emphasizes paper and gas chromatography because they are the most widely used. Model experiments described.

Woodburn, John H. *Excursions into Chemistry.* Philadelphia: Lippincott, 1965. 145 pp. $4.50

S Contains a wide variety of projects graded from the simple and easy to some really challenging research projects covering the whole field of chemistry. A welcome source of information for the high school chemistry teacher and a ready reference for the recurring student question, "What can I do for a science project?"

Children's Literature and Reading Guidance

American Library Association. *Books for Children, 1960-65.* Chicago: the Association, 1966. 456 pp. $10

EMS Selections arranged by Dewey Decimal System with an author-title subject index and grade level given. Titles were selected and recommended for purchase in the Children's Books section of the *Booklist* and *Subscription Books Bulletin.* See also the following titles in this series: *Books for Children, 1965-66.* 1966. 128 pp. $2; *Books for Children, 1966-67.* 1967. 136 pp. $2.25; *Books for Children, 1967-68.* 1968. 154 pp. $3; *Books for Children Preschool Through Junior High School, 1968-69.* 1970. 148 pp. $3.50; *Books for Children Preschool Through Junior High School, 1969-70.* 1971. 134 pp. $5 (paper); *Books for Children Preschool Through Junior High School, 1970-71.* 1972. 176 pp. $5 (paper)

American Library Association. *I Read ... I See ... I Hear ... I Learn.* Chicago: the Association, 1971. 112 pp. $2 (paper)

KEM Annotated bibliography for print and nonprint media organized according to grade level.

American Library Association. *Let's Read Together: Books for Family Enjoyment.* 3rd ed. Chicago: the Association, 1969. 116 pp. $2 (paper)

Books for reading aloud; author and title index.

Arbuthnot, May Hill, comp. *Children's Books Too Good To Miss.* 6th ed. New York: University Press Book Service, 1971. 97 pp. $2.95

KEM Helpful annotated list for teachers and parents; includes an author-illustrator index.

Association for Childhood Education International and American Association of School Librarians. *Excellent Paperbacks for Children.* Washington, D.C.: the Association, 1975.

KEM Selected annotated bibliography of paperbacks for children published from 1972 to 1975.

Association for Childhood Education International. *Guide to Children's Magazines, Newspapers, Reference Books.* Washington, D.C.: the Association, 1974. 12 pp. 50 cents

Annotated list designed to acquaint parents and teachers with qualitative literature.

Carlsen, G. Robert. *Books and the Teenage Reader: A Guide for Teachers, Librarians and Parents.* New York: Harper & Row, 1972. $8.95

EMS Guide for teachers, librarians, and parents, sponsored by the National Book Committee. Explores such significant topics as "subliterature" and "the shocking book"; needs of the college-bound student; and basic reference books. Detailed bibliographies.

Cathon, Laura E., *et al.*, ed. *Stories To Tell to Children.* 8th ed. Pittsburgh: University of Pittsburgh Press, 1974. $3.50

KEMS Lists stories by theme and national origin; special section on picture books for the deaf and preschool children.

Children's Services Division, American Library Association and Preschool Services and Parent Education Committee. *Mother Hubbard's Cupboard.* Chicago: American Library Association, 1976.

K Contains annotated lists of books and nonprint media for teachers and parents of preschool children.

Child Study Association of America, Inc. *Reading with Your Child Through Age 5.* New York: the Association, 1972. 34 pp. $1.50 (paper)

K A basic source for selecting books for the preschool child.

Colby, Jean Poindexter. *Writing, Illustrating and Editing Children's Books.* New York: Hastings House, 1974. Illus. $4.95 (paper)

EMS Informal style and nontechnical language. Of interest to anyone concerned with children's books; invaluable to those entering the children's book field.

Davies, Ruth Ann. *The School Library Media Center: A Force for Educational Excellence.* 2nd ed. New York: Bowker, 1974. 484 pp. $12.50

KEMS Emphasis on the school media. Specialist as a consultant on curriculum and media. Includes new units covering black studies, ecology, and drug education.

Eakin, Mary K. *Good Books for Children, Nineteen Fifty - Nineteen Sixty-Five.* 3rd ed. Chicago: University of Chicago Press, 1966. $2.95 (paper)

EMS Alphabetical listing, by author, of books favorably reviewed in *Bulletin of the Center for Children's Books, 1950-65,* approximately 100 for each year, half fiction, half nonfiction, most for grades 4-9. Annotations, subject, and title index helpfully detailed.

Edwards, Margaret A. *Fair Garden and the Swarm of Beasts.* Rev. ed. New York: Hawthorn Books, 1974. $6.95

S More than reading lists; an autobiography of the head of Enoch Pratt Free Library's young adult department giving her experiences and methods of motivating young people to read.

Gillespie, John T., and Lembo, Diana L. *Introducing Books: A Guide for the Middle Grades.* New York: Bowker, 1970. $12.50

M Suggestions for relating books to theme and to concerns and needs of the intermediate age group. Some nonprint materials given.

Griffin, Louise, comp. *Multi-ethnic Books for Young Children.* Washington, D.C.: National Association for the Education of Young Children, 74 pp. $2 (paper)

KE Annotated bibliography for parents and teachers.

Haviland, Virginia. *Children's Literature: A Guide to Reference Sources.* Washington, D.C.: Government Printing Office, 1966. 34 pp. $2.50

E Annotated bibliography of books, articles and pamphlets useful to adults concerned with children's books. Headings include History and Criticism, Authorship, Illustration, Bibliography, Books and Children, and International Studies.

Higgins, James E. *Beyond Words: Mystical Fancy in Children's Literature.* New York: Teachers College Press, 1970. 112 pp.

E Stresses the "mystical fancy" quality in children's writing; gives examples and passages from stories that illustrate creativity in children's literature.

Hollowell, Lillian. *A Book of Children's Literature.* 3rd ed. New York: Holt, Rinehart and Winston, 1966. 580 pp. $12.50

KE Well-balanced collection of fiction, folk tales, poetry, and biography. Includes comments and questions, bibliographies, pronunciation guides, and biographical sketches.

Huck, Charlotte S., and Kuhn, Doris Y. *Children's Literature in the Elementary School.* 2nd ed. New York: Holt, Rinehart and Winston, 1968. $13.50

KE For student teachers, teachers, media specialists, and others interested in using literature to answer needs of children.

Huus, Helen, ed. *Evaluating Books for Children and Young People.* Newark, Del.: International Reading Association, 1968. 137 pp. $3.50 (paper)

EMS Discusses the role of literature in developing mature lifetime reading interests and suggests ways the teacher can help learners evaluate the vast array of materials at different levels.

Larrick, Nancy. *A Parent's Guide to Children's Reading.* 4th ed. New York: Bantam Books, 1975. $1.95

EMS A source of both print and nonprint media to help parents encourage growth in reading.

Larrick, Nancy. *A Teacher's Guide to Children's Books.* Ohio: Charles E. Merrill, 1963. $7.95

KE Specific suggestions for matching the right book to the right child at the right time. Readable and practical. Includes an annotated list of over 400 titles and a comprehensive index.

Margrabe, Mary. *The "Now" Library/Media Center: Stations Approach and Teaching Kit.* Washington, D.C.: Acropolis Books, 1973. 162 pp. Illus. $6.50 (paper)

EM Contains a teaching station for 80 behavioral objectives and suggestions on evaluating the student's progress; may be adapted to scheduled or open media centers, team teaching, or self-contained classrooms.

Perkins, Flossie L. *Book and Non-Book Media: Annotated Guide to Selection Aids for Educational Materials.* Rev. ed. Champaign, Ill.: National Council of Teachers of English, 1972. 298 pp. $4.95 (paper)

EMS Guide to aids for selecting library materials described under uniform headings: author-publisher, date, purpose, scope, subject headings, similar tools, special features, evaluation, and cost.

Reid, Virginia. *Reading Ladders for Human Relations.* 5th ed. Washington, D.C.: American Council on Education, 1972. 346 pp. $4.50 (paper)

EMS Annotated bibliographies arranged by age and interest level. Instructional strategies suggested to motivate readers through drama, and book talks.

Root, Shelton L., Jr., *et al. Adventuring with Books.* 2nd ed. New York: Citation Press, 1973. 395 pp. $1.95 (paper) (Also available from the National Council of Teachers of English)

KEM Fully annotated titles for preK-grade 8 combining the qualities of entertaining reading with literary merit.

Rufsvold, Margaret, and Guss, Carolyn. *Guides to Educational Media.* 3rd ed. Chicago: American Library Association, 1971. $3

EMS Handbook describing available catalogs, lists, services, professional organizations, journals, and periodicals which regularly provide information on newer educational media.

Sayers, Frances Clarke. *Summoned by Books: Essays and Speeches.* New York: Viking Press, 1968. 173 pp. $1.35 (paper)

E Fifteen favorite essays and speeches brought together by one of Mrs. Sayers' students; includes the famous "Lose Not the Nightingale" along with others equally deserving of fame.

Smith, James A. *Creative Teaching of Reading and Literature in the Elementary School.* Boston: Allyn & Bacon, 1967. 268 pp. $5.95 (paper)

EM Book designed for the teacher-in-training and the teacher-in-practice.

Smith, James Steel. *A Critical Approach to Children's Literature.* New York: McGraw-Hill, 1967. 442 pp. $10.50

E Primarily a literary approach to children's literature, but deals realistically and circumspectly with issues and problems of using literature in classrooms.

Smith, Lillian. *Unreluctant Years: A Critical Approach to Children's Literature.* New York: Viking Press, 1967. 193 pp. $2.25 (paper)

KEMS A book selection aid to help obtain the best in children's literature.

Spache, George D. *Good Reading for Poor Readers.* Rev. ed. Champaign, Ill.: Garrard, 1972. 304 pp. $5.75 (paper)

EMS Advice from an authority on reading, covering such subjects as choosing books for children, using them to help solve reading problems, and estimating readability. Lists of adapted and simplified materials, textbooks, workbooks, magazines, and newspapers, series and trade books for use with poor readers.

Sunderlin, Sylvia, ed. *Bibliography of Books for Children.* Rev. ed. Washington, D.C.: Association for Childhood Education International, 1971. 130 pp. $2.25 (paper)

KE A supplementary reading list of nonfiction and fiction books for children ages 4-12.

Townsend, John Rowe. *Written for Children.* Philadelphia: Lippincott, 1975. $10.95

E A lively outline of English children's literature and a concise guide to British sources; detailed bibliography.

U.S. Library of Congress. *Children's Books, 1974.* Compiled by Virginia Haviland and Lois B. Watt. Washington, D.C.: Government Printing Office, 1975. 16 pp. 15 cents

EMS Issued annually since 1964. Each year about 200 books are annotated for preschool through junior high school. *First Supplement, 1972.* Compiled with the assistance of Margaret N. Coughlan. 316 pp. $3. Covers chiefly publications issued from 1966 through 1969. "The Publishing and Promotion of Children's Books" and "The Teaching of Children's Literature" have been added.

Untermeyer, Bryna, and Untermeyer, Louis, eds. *The Golden Treasury of Children's Literature.* New York: Western, 1966. 544 pp. Illus. $7.95

E Choicest selections from the ten-volume series assembled by these editors. Almost entirely fantasy, both traditional and modern.

Van Orden, Phyllis, ed. *Elementary School Library Collection, Phases 1, 2, 3.* 9th ed. Supplement. Williamsport, Pa.: Bro-Dart, 1975. $17.95

KE A book catalog of instructional media for preschool through grade 6.

Walker, Elinor. *Book Bait.* 2nd ed. Chicago: American Library Association, 1969. 129 pp. $2.50 (paper)

MS Detailed notes on adult books popular with young people.

White, Marion E. *High Interest—Easy Reading.* Rev. ed. New York: Citation Press, 1972. 140 pp. 95 cents (paper) (Also available from the National Council of Teachers of English)

MS Annotated lists of books for the reluctant reader.

Wilson, Jean A., ed. *Books for You.* Rev. ed. New York: Washington Square Press, 1971. 344 pp. 95 cents (Also available from the National Council of Teachers of English)

S Annotated booklist for senior high school students prepared by an NCTE committee.

Consumer Education

Ewen, Stuart. *Captains of Consciousness: Advertising and the Social Roots of the Consumer Culture.* New York: McGraw-Hill, 1976. $6.70

S Study of modern advertising and its effect on the social values and character of daily life.

McGough, Elizabeth. *Dollars and Sense.* New York: Morrow, 1975. $5.11

S The teen-age consumer's guide.

Mayer, Martin. *The Bankers.* New York: Weybright and Talley, 1974. $10.05

S Describes the banking industry, economic stability, international banking.

Nadar, Ralph. *Consumer Education.* Washington, D.C.: National Education Association, 1975. 12 pp. 50 cents

A Quick Reference Series report.

Scitovsky, Tibor. *The Joyless Economy: An Inquiry into Human Satisfaction and Customer Dissatisfaction.* New York: Oxford University Press, 1976. $9.56

S Outlines a theory of economic and noneconomic satisfaction, based on findings of motivational psychologists.

Thomas, Sarah M. *Guide to Sources of Consumer Information.* Lexington, Mass.: Information Resources, 1973. $10.50

EMS Reference giving ideas and sources for the teacher.

Early Childhood Education

Association for Childhood Education International. *Bits and Pieces–Imaginative Uses for Children's Learning.* Washington, D.C.: the Association, 1967. 72 pp. $2 (paper)

KE Recycling of finds, leftovers, giveaways, and throwaways for creative learning in class and at home.

Association for Childhood Education International. *Children Are Centers for Understanding Media.* Washington, D.C.: the Association, 1973. 94 pp. $3.95 (paper)

E Ideas for involvement of children as photographers, filmmakers, videotapers, sound seekers. Practical help for teachers; resource list.

Association for Childhood Education International. *Kindergarten Portfolio.* Washington, D.C.: the Association, 1970. $2 (paper)

K Portfolio of 14 leaflets on attitudes, environment, teacher-child-principal relationships, the program and parental involvement. Includes extensive bibliography.

Association for Childhood Education International. *Learning Centers–Children on Their Own.* Washington, D.C.: the Association, 1970. 84 pp. $2.50 (paper)

E Combines theory and practice. Discusses models of individualized teaching. Discusses roles, organization, evaluation, helpful hardware, and open space.

Association for Childhood Education International. *Learning To Live as Neighbors.* Washington, D.C.: the Association, 1972. 96 pp. $2.75

KE Collection of twenty articles from *Childhood Education* on intergroup relations, intergroup relations, intercultural understanding. Guides those helping children learn to live with themselves and others.

Association for Childhood Education International. *Play: Children's Business.* Washington, D.C.: the Association, 1974. 56 pp. $2.95 (paper)

KE Defends importance of learning through play; play for the convalescent child. Includes toy/play materials guide, suggested films.

Association for Childhood Education International. *Selecting Educational Equipment and Materials for School Use.* Washington, D.C.: the Association, 1976. 108 pp. $3.50 (paper)

KE Aid to selection, procurement, and use of quality materials to meet growing/learning needs of children. Manufacturer/distributor list.

Association for Childhood Education International. *Testing and Evaluation: New Views.* Washington, D.C.: the Association, 1975. 64 pp. $2.50 (paper)

E Confronts questions of why traditional evaluation procedures are inadequate and what tests do and don't do. Outlines a new frame of reference for meaningful evaluation.

Association for Childhood Education International. *Toward Better Kindergartens.* Washington, D.C.: the Association, 1966. 64 pp. $1.25 (paper)

K Attention to creative responsibilities, priorities, facilities, language arts, child freedom, relationships among children and between parents and teachers.

Association for Childhood Education International. *Understanding and Nurturing Infant Development.* Washington, D.C.: the Association, 1976. 72 pp. $2.75 (paper)

K Six provocative papers from ACEI Texas Conference on infancy offer optimistic counsel; focus on major needs of children.

Burgess, Evangeline. *Values in Early Childhood Education.* Rev. ed. Washington, D.C.: American Association of Elementary-Kindergarten-Nursery Educators, 1965. 96 pp. $1.50

E A compendium which samples research on early childhood education.

Butler, Annie L. *Child's Right to Quality Day Care.* Washington, D.C.: Association for Childhood Educational International, 1970. 8 pp. 35 cents (paper)

K Explores the need for day care and what's included. Discusses quality, licensing, and responsibility.

Croft, Doreen J., and Hess, Robert D. *An Activities Handbook for Teachers of Young Children.* 2nd ed. Boston: Houghton Mifflin, 1975. $6.95

KE Activities come from use in the classroom and are based on early childhood principles. Excellent annotated bibliography by subject covering the child's needs.

Gordon, Ira J. *Children's Views of Themselves.* Washington, D.C.: Association for Childhood Educational International, 1972. 40 pp. $2 (paper)

KE Lively and sympathetic look at children through new eyes and deepened perception of their feelings and ego-building needs; how adults can develop sensitivity.

Griffin, Louise. *Books in Pre-School.* Washington, D.C.: National Association for the Education of Young Children, 1970. 48 pp. $2.

Leeper, Sarah H., *et al. Good Schools for Young Children: A Guide for Working with 3-, 4-, and 5-Year-Old Children.* 3rd ed. New York: Macmillan, 1974. $10.95

KE Focuses on children, their world, and the forces which influence them, as well as the basic principles on which decisions are made regarding the instruction of young children.

Prescott, Daniel A. *The Child in the Educative Process.* New York: McGraw-Hill, 1957. $11.95.

E A classic in study of educating the child. Part One shows that learning, development, and adjustment are individual matters which take place in a group context in which persons at home, other children at school, and teachers all play important parts. Part Two analyses the knowledge and skills teachers must have to understand their pupils as individual, developing persons.

Read, Katherine H. *The Nursery School: A Human Relationships Laboratory.* 5th ed. Philadelphia: Saunders, 1971. $7.95.

KE A useful book containing practical suggestions for teachers of nursery-aged children.

Earth Sciences

Asimov, Isaac. *The Ends of the Earth. The Polar Regions of the World.*

S A comprehensive survey of the geological and natural histories of the Artic and Antartic, their past and present flora and fauna, and their importance in myth, legend, and human history.

Battan, Louis J. *The Unclean Sky.* New York: Doubleday, 1966. 141 pp. $1.45

S Describes adverse effects of pollutants on humans, animals, plants, and materials and the physical background of this serious problem.

Bullard, F. M. *Volcanoes in History, in Theory, in Eruption.* Austin: University of Texas Press, 1962. 441 pp. $10

S A well-written account of volcanoes, volcanic activity, and the effects these have had on civilization.

Day, John A. *The Science of Weather.* Reading, Mass.: Addison-Wesley, 1966. 214 pp. Illus. $9.95

ES A modern text in elementary meteorology, with only occasional use of algebra. Text related to the world of science and daily life. Suitable for good high school students; excellent resource material for elementary school teachers.

Dyson, James L. *The World of Ice.* New York: Knopf, 1962. 292 pp. Illus. $6.95

S An award-winning popular account of glaciers and the work of ice.

Fenton, Caroll Lane, and Fenton, Mildred A. *The Fossil Book.* New York: Doubleday, 1958. 482 pp. Illus. $17.95

EMS Survey of the evidence concerning the earliest forms of plants and animals and progressing up to the discussion of recently extinct species. Illustrations drawn from North American species, whenever possible. Many useful appendices.

Fenton, Carroll Lane, and Fenton, Mildred A. *The Rock Book.* New York: Doubleday, 1970. 482 pp. $12.95

EMS Introduction to the properties, occurrence, and importance of common rocks and minerals, including identifying characteristics, geologic formation, and regional distribution. Discusses historical significance and present uses of various ores and minerals. Suggestions for collecting, preparing, and displaying specimens. References.

Matthews, William H. *Fossils: An Introduction to Prehistoric Life.* New York: Barnes and Noble, 1962. 37 pp. $2.25 (paper)

S An excellent guide to collecting and understanding fossils.

Shelton, John S. *Geology Illustrated.* San Francisco: W. H. Freeman, 1966. 434 pp. Illus. $13.50

S A valuable reference for teachers. Uses nearly 400 clear, spectacular photographs to illustrate and communicate the principles of physical and historical geology.

Shimer, John A. *This Sculptured Earth: The Landscape of America.* New York: Columbia University Press, 1959. 255 pp. Illus. $17.50

S An exciting and educational explanation of the geologic basis of scenery. Describes many of the famous landmarks and natural wonders to be found while vacationing in the United States. Accompanied by an illustrated glossary and many photographs.

Sinkankas, John. *Mineralogy for Amateurs.* Parts I and II. New York: Van Nostrand Reinhold, 1964. 585 pp. Illus. $14.75

S Mineralogy and petrology for amateurs. Fills the gap between elementary manuals and college textbooks that require a background of mathematics, physics, and chemistry. Identification tables. Bibliography.

Strahler, Arthur N. *A Geologist's View of Cape Cod.* New York: Natural History Press, 1966. 115 pp. $2.95 (paper)

S The geological development of Cape Cod from coastal plain to bent-arm shape is told in accurate, readable detail, supplemented by numerous black-and-white charts, diagrams, and photographs.

Strahler, Arthur N. *The Earth Sciences.* 2nd ed. New York: Harper & Row, 1971. $17.95

S College-level text on earth science. Useful as background material for secondary school teachers.

Economics

Adams, John. *International Economics.* New York: St. Martins Press, 1972. 169 pp. $4.95 (paper)

S A self-teaching introduction to the basic concepts.

Joint Council on Economic Education—Audiovisual Materials Evaluation Committee. *Audiovisual Materials for Teaching Economics.* New York: the Council, 1972. 56 pp. $2

Annotated list of films, filmstrips, slides, and transparencies for economic education; grade levels given and list of producers and distributors.

Riedel, Manfred G. *A Kid's Guide to the Economy.* Englewood Cliffs, N.J.: Prentice-Hall, 1976. $4.46

M A guide explaining the relation of economics to daily life.

Rostow, W. W. *How It All Began; Origins of the Modern Economy.* New York: McGraw-Hill, 1975. $7.71

MS Surveys development of present-day economy.

Schumacker, E. F. *Small Is Beautiful.* New York: Harper & Row, 1973. 305 pp. $2.45 (paper)

S Economics as if people mattered.

Work in America. Cambridge, Mass.: M.I.T. Press, 1971. 262 pp. $2.95

S Report of a special task force to the Secretary of Health, Education, and Welfare.

Education

American Association of School Administrators. *School Racial Policy.* Washington, D.C.: National Education Association, 1966. 44 pp. $2

EMS Describes ways and means by which integration in the schools can be most effectively achieved.

Archambault, Reginald D., ed. *Dewey on Education: Appraisals with an Introduction.* Gloucester, Mass.: Peter Smith, 1966. 235 pp. $5.25 (paper)

EMS Contains 29 selections—complete essays or chapters from Dewey's major works.

Association for Supervision and Curriculum Development. *Individualizing Instruction.* 1964 Yearbook. Washington, D.C.: the Association, 1964. 337 pp. $4

EMS Focuses on the primary dimension of education—the person-to-person relationship between teacher and learners.

Baade, Hans W., ed. *Academic Freedom: The Scholar's Place in Modern Society.* Dobbs Ferry, N.Y.: Oceana, 1964. 241 pp. $8.50

EMS A probing analysis of many facets of academic freedom of central significance to the education process. Articles by Fuchs, Emerson, Haber, Joughin, and Dodds.

Best, John W. *Research in Education.* 2nd ed. Englewood Cliffs, N.J.: Prentice-Hall, 1970. $11.95

EMS Prepared for educational workers who are interested in professional problem-solving or research in the field of education.

Brubacker, John S. *Modern Philosophies of Education.* 4th ed. New York: McGraw-Hill, 1969. $10.95

EMS Remains the most useful comparative study of different philosophic approaches to educational problems.

Brumbaugh, Robert S., and Lawrence, N. M. *Philosophers on Education: Six Essays on the Foundations of Western Thought.* Boston: Houghton Mifflin, 1973. $2.50 (paper)

EMS Interprets the views of Plato, Aristotle, Rousseau, Kant, Dewey, and Whitehead and concludes with a discussion of future philosophies.

Bruner, Jerome S. *The Process of Education.* Cambridge, Mass.: Harvard University Press, 1960. 92 pp. $3.75

EMS Concentrates on the themes of structure, readiness, intuition, and interest and conjectures on how to aid the teacher in the task of instruction.

Campbell, Roald F., *et al. Introduction to Educational Administration.* 4th ed. Boston: Allyn & Bacon, 1971. $12.95

EMS Gives teachers a penetrating insight into the role of administrative personnel in the schools.

Coleman, James S., *et al. Equality of Educational Opportunity.* Washington, D.C.: Office of Education, 1966. 737 pp. $4.25

EMS Based on a survey of more than 500,000 students and 60,000 teachers in 4,000 schools. Documents the extent and effects of racial segregation. Systematically explores the effect different school characteristics have on what students learn.

Combs, Arthur W., ed. *Perceiving, Behaving, Becoming.* Washington, D.C.: Association for Supervision and Curriculum Development. 1962. 256 pp. $5

EMS A refreshing, scholarly focus on the personal aspects of education, with consideration of a new force in psychology.

Conant, James B. *The Education of American Teachers.* New York: McGraw-Hill, 1963. $2.95 (paper)

EMS The result of a two-year study of teacher certification policies and teacher training programs at various institutions throughout the country. Raises questions on who is responsible for the education of teachers, who ought to be responsible, and how institutions preparing teachers should conduct their programs. Analyzes the role of professors of education and recommends the creation of a new position, "the clinical professor."

Eble, Kenneth E. *A Perfect Education.* New York: Macmillan, 1968. 95 cents (paper)

An impassioned plea for synchronizing our outmoded educational goals to keep pace with our social and technological advances.

Flavell, John H. *The Developmental Psychology of Jean Piaget.* New York: Van Nostrand Reinhold, 1963. $6.95 (paper)

EMS A well-presented study of the major contributions of a creative scholar.

Foshay, Arthur W. *Curriculum for the Seventies: An Agenda for Invention.* Washington, D.C.: National Education Association, 1970. 75 pp. $3 (cloth); $1.50 (paper)

EMS Combines a rationale for developing a revitalized curriculum and a guide for practices leading to the creation of a humane schooling experience.

Frye, Northrop, ed. *Design for Learning.* Buffalo, N.Y.: University of Toronto Press, 1962. 148 pp. $7.50

EMS Outlines spiral curriculum for elementary school through grade 13. Also discusses science and social science.

Glasser, William *Schools Without Failure.* New York: Harper & Row, 1975. $2.95 (paper)

Applies Dr. Glasser's theories of Reality Therapy to contemporary education.

Goodlad, John I., ed. *The Changing American School.* Sixty-Fifth Yearbook of the National Society for the Study of Education, Part II. Chicago: University of Chicago Press, 1966. 319 pp. $7.50

EMS Describes and analyzes illustrative proposals for change which have found support during the last decade; appraises developments and possibilities.

Goodman, Paul. *Growing Up Absurd: Problems of Youth in the Organized System.* New York: Random House, 1960. $1.95 (paper)

EMS Impassioned assault on America's sensational, phony culture. Concentration on the difficulties of the young who receive, in the author's opinion, an education that does not fit them for a society that offers little honest work.

Green, Constance McLaughlin. *The Secret City: A History of Race Regulations in the Nation's Capital.* Princeton, N.J.: Princeton University Press, 1967. $3.95 (paper)

EMS An analysis of the interplay between the races.

Halpin, Andrew W. *Theory and Research in Administration.* New York: Macmillan, 1966. 352 pp. $9.95

EMS An analysis of theory and how it should be applied. Also includes an insightful discussion on the pertinence of these ideas for the training of research workers.

Hechinger, Fred M., and Hechinger, Grace. *Growing Up in America.* New York: McGraw-Hill, 1975. 451 pp. $15

EMS Actual lives of children, parents, and teachers are brought into focus revealing the tug-of-war between elitist privilege and egalitarian promise, the worlds of affluence and poverty.

Heitzmann, Wm. Ray. *Minicourses.* Washington, D.C.: National Education Association, 1977. $3.75 (paper)

MS Practical step-by-step guidance for teachers in planning and implementing a minicourse curriculum.

Hilgard, Ernest, ed. *Theories of Learning.* 4th ed. Englewood Cliffs, N.J.: Prentice-Hall, 1974. $12.50

EMS Thirty years of learning theory and a perspective on the relationship between learning theory and educational practices.

Hook, Sidney. *Education for Modern Man: A New Perspective.* Atlantic Highlands, N.J.: Humanities Press, 1973 (Reprint of 1963 text edition). 235 pp. $8.50

EMS A proposal for the successful integration of the social and historical disciplines as well as those of the scientific and humanistic traditions.

Kneller, George F. *Introduction to the Philosophy of Education.* 2nd ed. New York: Wiley, 1971. $3.50 (paper)

EMS A survey of the philosophy of education—both the traditional philosophies and the new modes of thinking—and a look at contemporary educational theories.

Lange, Phil C., ed. *Programmed Instruction.* Sixty-Sixth Yearbook of the National Society for the Study of Education, Part II. Chicago: University of Chicago Press, 1967. 334 pp. $7.50

EMS Discussion of principles and theories of artistic, scientific, and innovative strategies that will bring about improvement in the learning behavior of students.

Larson, Knute, and McGoldrick, J. H. *Handbook of School Letters.* Englewood Cliffs, N.J.: Prentice-Hall, 1970. $12.95

EMS A handy guide for writing all types of letters.

Madsen, Clifford K., and Madsen, Charles H., Jr. *Parents and Children, Love and Discipline.* Skokie, Ill.: AHM Publishing Corp. 1975. 312 pp. $4.95

EMS A positive guide to behavior modification.

Marshall, Sybil. *An Experiment in Education.* New York: Cambridge University Press, 1963. 258 pp. $6.95 (paper)

EMS Part teacher's handbook, part autobiography. Relates art education to all education, especially the teaching of reading. "Symphonic method" presents art as natural activity important to the whole process of seeing, understanding, expressing. Includes examples of children's artwork.

Massialas, Byron G., and Zevin, Jack. *Creative Encounters in the Classroom.* New York: Wiley, 1967. 274 pp. $6.50 (paper)

EMS Illustrates the discovery approach in the classroom as formulated by one of the leaders in this field.

Morse, Horace T., and McCune, George H. *Selected Items for the Testing of Study Skills and Critical Thinking.* Rev. ed. Bulletin No. Washington, D.C.: National Council for the Social Studies. 1971. $3.30 (paper)

S A compendium of practical advice to those concerned with teaching and evaluating study

Nash, Paul, *et al. The Educated Man: Studies in the History of Educational Thought.* New York: Wiley, 1968. 421 pp. $11.95 (paper)

EMS A collection of essays by European and American scholars on the ideal of the educated man as expressed in writings of influential thinkers in the Western tradition: Plato, Aquinas, Huxley, Marx, and Skinner.

Newman, Ruth G. *Groups in Schools.* New York: Simon and Schuster, 1974. 286 pp. $8.95

EMS Examines the group dynamics of the school world to explain why some children thrive in school, why some fail, and what can be done to change the schools for the benefit of the children.

Noar, Gertrude. *The Teacher and Integration.* Rev. ed. Washington, D.C.: National Commission on Teacher Education and Professional Standards, NEA, 1974. $3.50 (paper)

EMS Presents a specific, positive point of view with respect to race, race relations, and integration in education. Contains information that can aid teachers in coping successfully with the new situations and problems they confront in integrated schools.

Nyquist, Ewald B., and Hawes, Gene R., eds. *Open Education.* New York: Bantam Books, 1972. 399 pp. $1.95 (paper)

EMS A sourcebook for parents and teachers.

Peddiwell, J. Abner. *The Saber-Tooth Curriculum.* New York: McGraw-Hill, 1939. $1.95 (paper)

EMS A classic satire on curriculum.

Pflum, John, and Waterman, Anita Hanks. *The New Open Education.* Rev. ed. Washington, D.C.: Acropolis Books, 1975. Vol. I: $7.95 (paper); Vol. II: $5.95 (paper)

EMS Vol. I explains the theory and how-to of open education. Vol. II contains actual teaching materials suitable for duplication and classroom use.

Rogers, Carl R. *Freedom To Learn.* Ohio: Charles E. Merrill, 1969. $5.50 (paper)

EMS A view of what education might become.

Schaefer, Robert J. *The School as a Center of Inquiry.* New York: Harper & Row, 1967. $5.95

EMS One of the annual lectures of the John Dewey Society. Examines carefully and literately a significant educational concept that is beginning to receive the attention it deserves.

Silberman, Charles. *Crisis in the Classroom.* New York: Random House, 1970. $2.45 (paper)

EMS The remaking of American education.

Stevenson, Harold W., ed. *Child Psychology.* Sixty-Second Yearbook of the National Society for the Study of Education, Part I. Chicago: University of Chicago Press, 1963. 550 pp. $8.50

EMS Scholarly synthesis of the findings of recent research on child psychology that will provide all persons interested in the field with a better understanding of child behavior.

Stinnett, T. M. *A Manual on Standards Affecting School Personnel in the United States.* Rev. ed. Washington, D.C.: National Commission on Teacher Education and Professional Standards, NEA, 1974. 184 pp. $6.50 (paper)

EMS Includes a comprehensive introduction editorializing on certification requirements for each state, information on how to get a teaching position here and abroad, and a list of teacher education institutions and the programs for which they are approved.

Taba, Hilda. *Curriculum Development: Theory and Practice.* New York: Harcourt Brace Jovanovich, 1962. 526 pp. $12.95

EMS Provides an extended discussion of the basic components to be considered in development of a balanced and comprehensive curriculum.

Travers, Robert M. W., ed. *The Second Handbook of Research on Teaching.* Skokie, Ill.: Rand McNally, 1973. $30

S Follows the idea of N. L. Gage's handbook of 1963; not a revision. The *Second Handbook* is one of ideas as well as a review of the available knowledge.

Van Til, William, *et al. Discipline in the Classroom.* Rev. ed. Washington, D.C.: National Education Association, 96 pp. $3.50 (paper)

EMS A practical, realistic approach that deals with everyday disciplinary problems.

Waetjen, Walter B., and Leeper, Robert, eds. *Learning and Mental Health in the School.* Washington, D.C.: Association for Supervision and Curriculum Development. 1966. 174 pp. $5

EMS A process approach to mental health focusing on the learner within the learning situation. Valuable notes and bibliographies.

Wilhelms, Fred T., ed. *Evaluation as Feedback and Guide.* Washington, D.C.: Association for Supervision & Curriculum Development. 1967. 283 pp. $6.50 (paper)

EMS Prepared by the 1967 ASCD Yearbook Committee. Presents the view that evaluation should provide feedback and guidance for all of education. Calls for a bold new approach to replace marking and grading.

Education–Elementary Schools

Almy, Millie Corinne, *et al. Young Children's Thinking: Studies of Some Aspects of Piaget's Theory.* New York: Teachers College Press, 1966. 153 pp. $2.75 (paper)

E A report of two studies dealing with the thought processes children display when faced with problems involving the concepts of conservation described by Piaget.

Ashton-Warner, Sylvia. *Teacher.* New York: Bantam Books, 1971. $1.50 (paper)

EMS An unorthodox, highly readable account of a talented teacher's way of working with "disadvantaged" children.

Association for Childhood Education International. *Aides to Teachers and Children.* Washington, D.C.: the Association, 1968.

E Explores who they are; what they do; how to find them; and how to train and work with them. Bibliography.

Association for Childhood Education International. *Primary School Portfolio.* Washington, D.C.: the Association, 1968. $1.25 (paper)

E Twelve practical and helpful leaflets that are forward-looking, idea extenders and prods to action. Focus on children (ages 6-9), curriculum, activities, discipline.

Association for Childhood Education International. *That All Children May Learn We Must Learn–Looking Forward to Teaching.* Washington, D.C.: the Association, 1971. 96 pp. $3

KEM Collection of twenty articles from *Childhood Education:* focus on the developing child as a person, teachers as guides, programs producing healthy climates.

DeRoche, Edward F., and Gierl, Erika. *Creative Units for the Elementary School Teacher.* West Nyack, N.Y.: Parker, 1969. 229 pp. $8.95

EM Creative activities and units on newspapers and magazines, using road maps, reference books, travel folders, conservation economics, and oceanography.

Ragan, William B., and Shepherd, G. D. *Modern Elementary Curriculum.* 4th ed. New York: Holt, Rinehart and Winston, 1971. $10.95

E Takes the view that the curriculum consists of the actual experiences of children for which the school accepts responsibility.

Stahl, Dona Kofod, and Anzalone, Patricia. *Individualized Teaching in Elementary Schools.* West Nyack, N.Y.: Parker, 1970. 233 pp. $5.95

E Provides some specific, concrete suggestions for putting theory about individualizing instruction into effective practice.

Education–Middle Schools

Association for Childhood Education International. *Transitional Years–Middle School Portfolio.* Washington, D.C.: the Association, 1968. $1.25 (paper)

M Specific ideas for ways of working with the in-betweeners (ages 10-14). Classroom organization, curriculum, evaluation covered in fourteen useful leaflets.

Association for Childhood Education International. *What Are Middle Schools For?* Washington, D.C.: the Association, 1970. 8 pp. 25 cents

M Help in understanding the why behind middle schools, whom they serve, what's positive about them, how they are organized and who teaches in them. Bibliography.

Herndon, James. *How To Survive in Your Native Land.* New York: Simon and Schuster, 1972. $1.25 (paper)

M Tells about a model junior high school and its students engaged in a daily battle of wits loosely called learning. Written in fictional style.

Kindred, Leslie W., *et al. The Middle School Curriculum, A Practitioner's Handbook.* Boston: Allyn & Bacon, 1976. 230 pp. $10.95

M Objectives, strategies, and techniques for creating successful plans for middle school curriculum and instruction.

Kohut, Sylvester, Jr. *The Middle School: A Bridge Between Elementary and Secondary Schools.* Washington, D.C.: National Education Association, 1976. 75 cents

M Offers guidelines for transformation from the junior high school format to that of the middle school.

Education–Secondary Schools

Conant, James B. *The Comprehensive High School: A Second Report to Interested Citizens.* New York: McGraw-Hill, 1967. 95 pp. $1.95 (paper)

S A second look by Mr. Conant a decade after his first study of the American high school. Discusses improvements and details the still existing inadequacies.

Herber, Harold L., ed. *Developing Study Skills in Secondary Schools.* Newark, Del.: International Reading Association, 1965. 169 pp. $5 (paper)

S Provides the how as well as the why of teaching skills.

Krug, Edward A. *Shaping of the American High School, 1880-1920,* vol. I. Madison: University of Wisconsin Press, 1969. $6.45 (paper)

S The major events, personalities, personal efforts, agencies, circumstances, and forces that brought the American high school into being and projected it into the position it now holds.

Krug, Edward A. *Shaping of the American High School, 1920-1941,* vol. II. Madison: University of Wisconsin Press, 1972. $17.50

Thorndike, Robert L., ed. *Educational Measurement.* 2nd ed. Washington, D.C.: American Council on Education, 1971. 768 pp. $18

S Leading reference work in theory and techniques of educational measurement.

English Language

Allen, Harold B. *Readings in Applied English Linguistics.* 2nd ed. Englewood Cliffs, N.J.: Prentice-Hall, 1967. $6.50 (paper)

EMS One of the most comprehensive collections of readings available. Includes 62 articles on historical backgrounds, dialect differences, usage, and application of linguistics to composition and literature.

Andersen, Dan W. *Teaching Hand Writing.* Washington, D.C.: National Association of Classroom Teachers, NEA, 1968. 31 pp. 35 cents (paper)

Classroom procedures for teaching handwriting, movement, style, and legibility.

Applegate, Mauree. *Easy in English.* Evanston, Ill.: Harper & Row, 1960. 564 pp. $11.95

E A wealth of suggestions for interesting children in reading, writing, speaking, and listening.

Baugh, Albert C. *A History of the English Language.* 2nd ed. Englewood Cliffs, N.J.: Prentice-Hall, 1957. $9.95

EMS Comprehensive history of British and American English, including a discussion of shifts in attitude toward language and language change. Specimens of English dialects and spellings in appendices.

Booth, Wayne C. *Rhetoric of Fiction.* Chicago: University of Chicago Press, 1961. $3.95 (paper)

S Discusses the technique of nondidactic fiction, viewed as the art of communicating with readers. Investigates authors' use of rhetorical resources in controlling readers. Includes major sections on Artistic Purity and the Rhetoric of Fiction, The Author's Voice in Fiction, and Impersonal Narration.

Braddock, Richard, *et al. Research in Written Composition.* Champaign, Ill.: National Council of Teachers of English, 1963. 142 pp. $2.95

S Reports results of two-year study of research in written composition. Summarizes the present state of knowledge about composition. Includes discussion of "classic" investigations and needed directions.

Burrows, Alvina Treut. *Teaching Composition.* Washington, D.C.: Association of Classroom Teachers, NEA, 1966. 32 pp. 35 cents

E Identifies techniques of teaching composition from group dictation in the primary grades to independent writing at the intermediate level. Shows the relationship of other subjects to composition and gives guidelines for evaluating individual and group progress. No. 18 of the 33 "What Research Says to the Teacher" pamphlets, which summarize the most recent findings on various aspects of instruction.

Burrows, Alvina Treut., *et al. They All Want To Write: Written English in the Elementary School.* 3rd ed. New York: Holt, Rinehart and Winston, 1964. 281 pp. $4.45

E Offers a detailed description of a balanced writing program, including both practical and imaginative writing. Describes concrete methods tested successfully in the authors' classrooms.

Corbin, Richard. *The Teaching of Writing in Our Schools.* New York: Macmillan, 1966. 118 pp. $2.50 (paper)

EMS Introduces parents and teachers to the nature of speaking and writing and the methods of teaching writing generally accepted in better schools today. Discusses what children should be taught, how much writing should be done, marking and grading.

Dale, Edgar, *et al. Techniques of Teaching Vocabulary.* Palo Alto, Calif.: Field Educational Publications, 1971. 376 pp. $12

EMS Techniques to help students develop vocabulary and language skills.

Dixon, John. *Growth Through English.* 3rd ed. Champaign, Ill.: National Council of Teachers of English, 1975. $3.50 (paper)

KEMS Suggests a model for English teaching for grades K-12. Discusses implications of processes of language learning for classroom; examines in detail the place of oral language activities, and suggests ways of providing continuity and sequence. Outlines new proposals for preservice and in-service education.

Fader, Daniel, and McNeil, Elton. *Hooked on Books: Program and Proof.* (Enlarged ed.) New York: Berkeley Publishing Corp., 1968. 75 cents (paper)

Frazier, Alexander, ed. *New Directions in Elementary English.* Champaign, Ill.: National Council of Teachers of English, 1967. 221 pp. $4.50 (paper)

E Exceptional collection of papers on literature, language, and composition prepared by specialists and scholars for 1966 NCTE institutes for elementary teachers. Covers all important aspects of the language arts.

Gillies, Emily. *Creative Dramatics for All Children.* Washington, D.C.: Association for Childhood Education International, 1973. 64 pp. $3.50 (paper)

E Discusses six principles for using creative dramatics. Chapters on working with emotionally and handicapped children, and second-language speaking children.

Gleason, Henry A., Jr. *Linguistics and English Grammar.* New York: Holt, Rinehart and Winston, 1965. 519 pp. $13

EMS An historical introduction to the various English grammars; a thorough discussion of syntax and the relationship of grammar to the other aspects of the subject matter of English. Compares the different grammatical points of view, concentrating on generative grammar.

Guth, Hans P. *English Today and Tomorrow.* Englewood Cliffs, N.J.: Prentice-Hall, 1964. 449 pp. $9.95

S Reviews subject matter of English in detail. Discusses the teaching of English with respect to objectives, methods, resources, and professional status.

Hayakawa, S. I. *Language in Thought and Action.* 3rd ed. New York: Harcourt Brace Jovanovich, 1972. $5.95 (paper)

EMS Deals exclusively with semantics. Presents "teachable" problems. Includes a selected bibliography for further reading.

Hogan, Robert F., ed. *The English Language in the School Program.* Champaign, Ill.: National Council of Teachers of English, 1966. $3.45

EMS Collection of papers by linguists and teachers on findings of recent linguistic scholarship and implications for elementary and secondary English teaching. Includes discussions of new grammars, usage, dialects, dictionaries, and the place of language study in the curriculum.

Holbrook, David. *English for the Rejected: Training Literacy in Lower Streams of the Secondary School.* New York: Cambridge University Press, 1964. 291 pp. $4.95 (paper)

EMS Discusses the problem and outlines a program for teaching the slow, the disadvantaged, the "rejected."

Hook, J. N. *The Teaching of High School English.* 4th ed. New York: Ronald Press, 1972. $9.95

S Treats all principal aspects of high school English teaching. Discussion of extensive reading programs.

Loban, Walter, *et al. Teaching Language and Literature.* 2nd ed. New York: Harcourt Brace Jovanovich, 1969. $10.95

MS Relates purpose, content, and method in secondary school English (grades 7-12). Includes illustrative resource units on a variety of topics and themes for junior and senior high school.

Maxwell, John, and Tovatt, Anthony, eds. *On Writing Behavioral Objectives for English.* Champaign, Ill.: National Council of Teachers of English, 1970. 136 pp. $3.25 (paper)

S Limitations and advantages of behavioral objectives in the arts and humanities. Bibliography on behavioral objectives.

Platts, Mary E. *Spice.* Stevensville, Mich.: Educational Service, 1960. $5.25

E Suggested activities to motivate the teaching of the language arts.

Reeves, Ruth. *Ideas for Teaching English: Grades 7-8-9.* Champaign, Ill.: National Council of Teachers of English, 1966. 421 pp. $6.75

MS More than 100 short articles by teachers and curriculum specialists giving practical suggestions for teaching English in the junior high school. Some original contributions; others selected from journals and curriculum guides. Covers all aspects of the English curriculum.

Sauer, Edwin H. *English in the Secondary Schools.* New York: Holt, Rinehart and Winston, 1961. 245 pp. $7.25

S Considers grammar, composition, and rhetoric. Also deals with literature curricula and literary forms. Includes selected reading list for students.

Sheridan, Marion C., *et al. The Motion Picture and the Teaching of English.* New York: Appleton-Century-Crofts, 1965. 168 pp. $2.95 (paper)

S New approaches to film study discussed by an NCTE committee and related to the study of literature, language, and composition.

Shuy, Roger W. *Discovering American Dialects.* Champaign, Ill.: National Council of Teachers of English, 1967. 68 pp. $2.95 (paper)

ES Discusses dialect regions and varieties with implications for English instruction. Sponsored by the NCTE Commission on the English Language.

Thomas, Owen, and Thomas, Kintgen. *Transformational Grammar and the Teacher of English.* 2nd ed. New York: Holt, Rinehart and Winston, 1974. $6.50 (paper)

S A pedagogical grammar describing and illustrating those elements of transformational grammar which have relevance for the teacher of English. Not an introduction; most useful for teachers who already possess an elementary knowledge of transformational-generative theory.

Vygotsky, L. S. *Thought and Language.* Cambridge, Mass.: M.I.T. Press, 1962. 168 pp. $2.95 (paper)

S Interrelation of thought and language.

Environmental Studies

Hahn, James, and Hahn, Lynn. *Environmental Careers.* New York: Franklin Watts, 1976. $4.33

S Describes the training and education needed for careers in the environmental field.

Hamilton, Charles E. *Eco.* Stevensville, Mich.: Educational Service, 1974. $5.25

EM A handbook of classroom ideas to motivate the teaching of elementary ecology.

National Education Association. *Environmental Education.* Washington, D.C.: the Association, 1974. 24 pp. $1

Annotated bibliography of books, periodicals, directories, and films.

National Education Association. *Environmental Education Teaching Resources: Projects for Environmental Problem-Solving.* Washington, D.C.: the Association, 1975. 24 pp. $1

Outlines an approach and methodology for using student projects as a way to teach students community problem-solving skills.

Exceptional Children—Special Education

Association for Childhood Education International. *Migrant Children: Their Education.* Washington, D.C.: the Association, 1971. 64 pp. $2 (paper)

E Contains overview of "children on the move." Various articles recount program experiences. Help in looking at integration in the classroom and bridging the gap between school and home.

Barbe, Walter B., ed. *Psychology and Education of the Gifted: Selected Readings.* New York: Appleton-Century-Crofts, 1965. 534 pp. $7.95

EMS Includes philosophical presentations, discussions of particular points of view, reviews of literature on specific topics, and significant research reports. Materials on creativity, originality, nonintellectual factors of giftedness, and measurement and encouragement of giftedness.

Baskin, Barbara, and Harris, Karen, eds. *The Special Child in the Library.* Chicago: American Library Association, 1976.

EMS A source of practical information for meeting needs of exceptional children. Contains selection of books and magazines; appropriate media utilization.

Brutten, Milton, *et al. Something's Wrong with My Child: A Parent's Book About Children with Learning Disabilities.* New York: Harcourt Brace Jovanovich, 1973. $8.95

EMS Understanding and informative; helpful for administrators and teachers.

Corbin, Richard, *et al. Language Programs for the Disadvantaged.* Champaign, Ill.: National Council of Teachers of English, 1965. 400 pp. $3.95 (paper)

EMS An NCTE Task Force report on visits to more than 200 projects for disadvantaged learners. Includes recommendations for future programs, preschool through adult.

Cruickshank, William M., and Johnson, G. Orville. *Education of Exceptional Children and Youth.* 3rd ed. Englewood Cliffs, N.J.: Prentice-Hall, 1975. $12.95

EMS Current educational and administrative practices for various areas of exceptionality as discussed by a panel of nine educators.

Davis, H., and Silverman, S. Richard. *Hearing and Deafness.* 3rd ed. New York: Holt, Rinehart and Winston, 1970. $13.95

EMS Stresses particularly the physiology of and types of deafness. Also covers education and social and economic problems.

Eisenon, Jon, and Ogilvie, Mardel. *Speech Correction in the Schools.* 3rd ed. New York: Macmillan, 1971. $9.95

EMS For the classroom teacher and school speech correctionist. Practical material for remedial work.

Fontana, Vincent J. *Somewhere a Child Is Crying.* New York: Macmillan, 1973. 268 pp. $7.95

KEMS Maltreatment—causes and prevention.

Frierson, Edward C., and Barbe, Walter B., eds. *Educating Children with Learning Disabilities: Selected Readings.* New York: Appleton-Century-Crofts, 1967. 502 pp. $11.95

EMS Deals with the child who needs special education but does not qualify for instruction on the grounds of mental retardation, emotional disturbance, or visual, speech, or hearing impairment. First presents an overview of the subject; then discusses specialized approaches to learning disorders. Diagnostic procedures and educational treatment examined.

Gallagher, James J., *et al. Productive Thinking of Gifted Children in Classroom Interaction.* Reston, Va.: Council for Exceptional Children, 1967. 140 pp. $2.20

EMS Relationships between the verbal expressions of gifted students and their attitudes, self-concepts, scores on tests measuring productive thinking, teacher's cognitive performance, and family environmental aspects.

Gallagher, James J. *Teaching the Gifted Child.* 2nd ed. Boston: Allyn & Bacon, 1975. $12.95

EMS Latest research synthesized and reported, using four hypothetical cases of gifted children. Curriculum approaches in arithmetic, social studies, and science.

Gowan, John C., and Torrance, E. P., eds. *Educating the Ablest.* Itasca, Ill.: F. E. Peacock, 1971. $5.95 (paper)

EMS A book of readings on the education of gifted children.

Greene, Mary Francis, and Ryan, Orletta. *The School Children Growing Up in the Slums.* New York: Avon Books, 1974. $1.65 (paper)

EMS Realistic picture of daily life in two New York City public schools; authors are teachers.

Hellmuth, Jerome, ed. *Learning Disorders,* Vol. I. Seattle: Special Child Publications, 1965. 406 pp. $7.50 (paper)

EMS Includes discussions of neurological factors, motor generalizations, cultural asynchrony and contingency, diagnostic problems in child guidance, language disabilities, dyslexia, and classroom management.

Hellmuth, Jerome, ed. *Learning Disorders,* Vol. II. Seattle: Special Child Publications, 1966. 423 pp. $7.50 (paper)

EMS Covers a wide range of aspects of learning disorders, including medical treatment, prescriptive team teaching, visual and reading problems, human frontal lobe function as related to learning disorders, neurological organization, and family relationships.

Hellmuth, Jerome, ed. *Learning Disorders*, Vol. III. Seattle: Special Child Publications, 1968. $7.50 (paper)

Johnson, Doris J., and Myklebust, Helmer R. *Learning Disabilities: Educational Principles and Practices*. New York: Grune and Stratton, 1967. 336 pp. $10.50

EMS An approach to remediation which the authors call "clinical teaching." Psychoneurological emphasis, using concepts from biomedical engineering, psychology, neurology, psychiatry, education, and language pathology.

Johnson, Wendell, *et al. Speech—Handicapped School Children*. 3rd ed. New York: Harper & Row, 1967. $13.95

EMS Describes speech disorders, the conditions surrounding them, the work of the speech specialist, and the role of the classroom teacher in working with speech-defective children.

Jordan, June B., and Dailey, Rebecca F. *Not All Little Wagons Are Red*. Reston, Va.: Council for Exceptional Children, 1973. $9.40

KE The exceptional child's early years—a guidebook for teachers, teacher educators, and program planners.

Kirk, Samuel A. *Educating Exceptional Children*. 2nd ed. Boston: Houghton Mifflin, 1972. 478 pp. $12.50

EMS Designed as an introductory volume for special education students. Covers the various areas of exceptionality. Useful for general educators as well as classroom teachers.

Long, Nicholas J., *et al. Conflict in the Classroom: The Education of Children with Problems*. 2nd ed. Belmont, Calif. Wadsworth, 1971. $6.95 (paper)

EMS Selections on topics such as the viewpoint of the emotionally disturbed person; identification, teaching, treatment, management, measurement of improvement, and interpretation of failure to disturbed children; programs and schools for such children; and research contributions to the field.

Mann, Philip H., and Suiter, Patricia A. *Handbook in Diagnostic Teaching: A Learning Disabilities Approach*. Boston: Allyn & Bacon, 1974. $25.95

EMS Comprehensive handbook on skills necessary for teaching success in reading, writing, spelling, and language.

Martinson, Ruth A., and Seagoe, May V. *The Abilities of Young Children*. Research Monograph B4. Reston, Va.: Council for Exceptional Children, 1967. 66 pp. $2.75

EMS Describes assessment of children's products from a wide variety of topics in art, music, writing, social studies, and science. Experts' ratings of the quality in children's products compared for two groups with differing measured intelligence. Discusses problems in measuring creativity.

Myklebust, Helmer R. *Development and Disorders of Written Language*. Vol. I: *Picture Story Language Test*. New York: Grune & Stratton, 1965. 278 pp. $11.50

EMS An attempt to provide a standardized procedure for appraising normal facility with, and studying, diagnosing, and categorizing disorders of, the written word. Instructions for use of the Picture Story Language Test, and material on its validity and reliability.

Myklebust, Helmer R. *The Psychology of Deafness: Sensory Deprivation, Learning, and Adjustment*. 2nd ed. New York: Grune & Stratton, 1964. 423 pp. $10.50

EMS Intended as a textbook for advanced courses in audiology, language pathology, deaf education, and psychology. Information on the nature and extent of deafness, psychological processes, language and other handicaps, and special abilities and aptitudes.

Noar, Gertrude. *Teaching the Disadvantaged.* Washington, D.C.: The Association of Classroom Teachers, NEA, 1972. 32 pp. 50 cents (paper)

EMS Describes characteristics of the disadvantaged and problems of each age group and recommends effective teaching methods.

Parker, Clyde A., ed. *Psychological Consultation: Helping Teachers Meet Special Needs.* Reston, Va.: Council for Exceptional Children, 1975. 270 pp. $5

EMS Services and practices which help special education teachers, regular teachers, principals, and support professionals work together in mainstreaming exceptional children.

Passow, A. Harry, *et al.*, eds. *Education of the Disadvantaged: A Book of Readings.* New York: Holt, Rinehart and Winston, 1967. 503 pp. $10

EMS Thirty-one research-based articles by sociologists, educators, psychologists, and teachers. Covers such topics as techniques, strategies, and devices for teaching the disadvantaged, as well as the nature and causes of the disadvantaged learner.

Riessman, Frank. *The Culturally Deprived Child.* New York: Harper & Row, 1962. $7.95

E A summary of research on the culturally deprived child which is a landmark in the application of social science principles and understanding to the solution of problems in the everyday world. Considers interest in education, the significance of the family unit, the slow gifted child, the question of whether the culturally deprived are in fact nonverbal, and what constitutes effective teachers and programs for these children.

Wilson, Sue. *I Can Do It! I Can Do It!* New York: Bobbs-Merrill, 1976. 80 pp. $8.95

EMS Arts and crafts for the mentally retarded.

Future Studies

Dunstan, Mary Jane, and Garlan, Patricia W. *Worlds in the Making: Probes for Students of the Future.* Englewood Cliffs, N.J.: Prentice-Hall, 1970. 370 pp.

S An anthology of science fiction, pictures, poetry, essays, and activities.

Kauffman, Draper L. *Futurism and Future Studies.* Washington, D.C.: National Education Association, 1976. 60 pp. $2

S Covers such vital subjects as systems; stability and change; key issues in future planing; and the psychology of the future.

Toffler, Alvin, ed. *Learning for Tomorrow: The Role of the Future in Education.* New York: Random House/Vintage Press, 1974. 421 pp. $2.95 (paper)

EMS Includes chapters on the future in the curriculum, future education for children and adolescents, simulations and games, science fiction, values and futurism in higher education. The appendix contains sample syllabuses of future studies.

Geography

Bacon, Phillip, ed. *Focus on Geography.* Fortieth Yearbook. Washington, D.C.: National Council for the Social Studies, 1970. 437 pp. $5.50 (paper)

KEMS Key concepts and teaching strategies.

Broek, Jan O. M. *Geography, Its Scope and Spirit.* Columbus, Ohio: Charles E. Merrill, 1965. 116 pp. Illus. $2.95 (paper)

EMS A professional geographer presents a scholarly view of geography as one of the social sciences. Final chapter suggests methods for classroom teachers.

Chorley, Richard J., and Haggett, Peter. *Frontiers in Geographical Teaching.* 2nd ed. New York: Barnes & Noble Books, 1970. 396 pp. $7.50 (paper)

EMS Methods of teaching geography.

Newby, Eric. *The Rand McNally World Atlas of Exploration.* Skokie, Ill.: Rand McNally, 1975. $16.75

MS Text, illustrations and maps detail the exploits and routes of the world's explorers and pathfinders.

Paxton, John, ed. *The Statesman's Yearbook World Gazeteer.* New York: St. Martins Press, 1975. $13.50

MS Provides information on location, recent history, industries, and population of nations, cities, towns, regions and topographical features around the world.

Health and Physical Education

American School Health Association. *School Health in America.* Ohio: the Association, 1976. 100 pp. $5

KEMS The complete report of state level school health programs for all fifty states and the District of Columbia.

Anderson, Marion H., *et al. Play with a Purpose, Elementary School Physical Education.* 2nd ed. New York: Harper & Row, 1972. $8.95 (paper)

E Presents a planned program of physical education which appeals to children because of its structure, variety, and suitability to their interests. Emphasizes natural sequence in the learning of motor skills, with sections on movement skills, ball skills, and dance skills.

Association for Childhood Education International. *Children and Drugs.* Washington, D.C.: the Association, 1972. $2.50

EM Offers guidelines to teachers with drug-using children, plus suggestions on working with children and their parents.

Athletic Institute and American Association for Health, Physical Education, and Recreation. *Planning Facilities for Athletics, Physical Education and Recreation.* Chicago: Athletic Institute, 1974. $12.50

S Up-to-date and complete guide for planning and constructing all types of facilities.

Beyrer, Mary K., *et al. Directory of Selected References and Resources for Health Instruction.* Rev. ed. Minneapolis: Burgess, 1969. $5.95 (paper)

EMS Identifies textbooks, evaluation instruments, and instruction guides; lists resources for health instruction, i.e., agencies, organizations, and periodicals; includes selected articles on school health.

Boston Children's Medical Center and Feinbloom, Richard I. *Child Health Encyclopedia. The Complete Guide for Parents.* New York: Delacorte Press, 1975. $10.05

KEMS Health care and safety for children . . . physical changes that occur from infancy through adolescence.

Bucher, Charles A. *Administration of Health and Physical Education Programs, Including Athletics.* 6th ed. St. Louis, Mo.: C. V. Mosby, 1975. $12.95

S Concerned with administration as related to school programs of health and physical education, with implications for recreation. Written with the administrative problems in mind that confront the teacher and leader in the field.

Bucher, Charles A., and Koeing, Constance R. *Materials and Methods for Secondary School Physical Education.* 4th ed. St. Louis, Mo.: C. V. Mosby, 1974 $11.95 (paper)

S Comprehensive treatment for the secondary teacher of representative forms, reports, field diagrams, charts, and new teaching techniques.

Daniels, Arthur S., and Davies, Evelyn A. *Adapted Physical Education.* 3rd ed. New York: Harper & Row, 1975. $12.95

EMS Text-manual on the special techniques of adapting physical education for the handicapped. Designed for teachers with limited background in technical aspects of medical rehabilitation. Covers organization, administration, curriculum, class and individual techniques, and physical, anatomical, and psychological problems.

Department of School Nurses, NEA. *Health Education: Drugs and Alcohol—An Annotated Bibliography.* Washington, D.C.: the Association, 1975. 32 pp. $2.50

MS Lists resources to help educators, school nurses, and community health personnel evaluate materials and maintain effective programs to combat drug and alcohol abuse.

Espenschade, Anna S. *Physical Education in the Elementary Schools.* Washington, D.C.: Association of Classroom Teachers, NEA, 1963. 32 pp. 35 cents (paper)

EMS Discusses the objectives of the curriculum, space, facilities, and evaluation.

Fait, Hollis F. *Special Physical Education: Adapted, Corrective, Developmental.* 3rd ed. Philadelphia: Saunders, 1972. $9.25

EMS Designed to give a brief introduction to the nature of each of the most common types of handicapping conditions and the psychological implications for those so afflicted. Adaptations for the mentally, physically, and socially handicapped, including body mechanics, fitness, and detailed discussions of the skill techniques of numerous games, sports, and activities.

Grout, Ruth E. *Health Teaching in Schools.* 5th ed. Philadelphia: Saunders, 1968. $7.75

EMS Provides teacher with information on health needs of young people. Presents educational theory and method, and furnishes practical suggestions for planning instruction and teaching.

Guide to Free-Loan Sports Films. Alexandria, Va.: Serina Press, 1975. $6.95

S Synopses of over 500 films on participation and spectator sports.

Haag, Jessie Helen. *School Health Program.* 3rd ed. Philadelphia: Lea & Febiger, 1972. $12

EMS A reference on the total school health program. Gives recent health appraisal techniques and discusses health problems of pupils and school staff.

Horkheimer, Foley A., and Alley, Louis E. *Educators Guide to Free Health, Physical Education and Recreation Materials.* Randolph, Wis.: Educators Progress Services, 1975.

KEMS A guide to selected free resource materials. Annotated bibliography arranged by subject, then form of media.

Hunsicker, Paul. *Physical Fitness.* Washington, D.C.: Association of Classroom Teachers, NEA, 1963. 32 pp. 35 cents (paper)

EM Describes measurement of physical fitness, program planning, and selected tests.

Institute for Learning Information Service. *Women's Athletics: Coping with Controversy.* Conn.: the Institute, 1976. $8.95

S Convincing discussion on women's sports and their place in organized athletics.

Kirchner, Glenn. *Physical Education for Elementary School Children.* 3rd ed. Dubuque, Iowa: Brown, 1974. $11.95

E Comprehensive text designed to meet the needs of the classroom teacher and the elementary school physical education specialist.

Leiber, Howard C. *Tort Liability for Injuries to Pupils.* Ann Arbor, Mich., 1965. 104 pp. $2.45

S Cites state laws regarding liability of school programs. Includes transportation and athletics. Defines terms; outlines liabilities and defenses with recent court decisions.

Mayshark, Cyrus, and Shaw, Donald D. *Administration of School Health Programs.* St. Louis, Mo.: C. V. Mosby, 1967. $10.95

EMS Presents theory and practice through the case study method, with discussion of 25 "critical incidents."

Mohr, Dorothy R., and Vernier, Elmon L., eds. *Physical Education for High School Students.* Rev. ed. Washington, D.C.: American Association for Health, Physical Education, and Recreation, 1970. $5.75 (paper)

S A handbook of sports, games, dances, recreation, and athletics that may be used as text or supplementary reading for secondary school boys and girls. Comprehensive list of resource materials and instruction on how to construct and evaluate written tests in Teachers Guide.

Mushier, Carole L. *Team Sports for Girls and Women.* Dubuque, Iowa: Brown, 1973. $8.50

MS Analysis and teaching of eight team sports for girls and women.

Nemir, Alma, and Schaller, Warren E. *The School Health Program.* 4th ed. Philadelphia: Saunders, 1975. $11.50

EMS Contains an excellent section on normal growth and development of children. Of value to anyone on the school staff, as well as to health personnel.

Nixon, John E., and Jewett, Ann E. *Physical Education Curriculum.* New York: Ronald Press, 1964. $7.95

EMS Modern principles of curriculum development for grades 1-12 and an analysis of different patterns for organizing curriculum content. Cites examples of curriculum in operation at various grade levels.

Oberteuffer, Delbert, and Beyrer, Mary K. *School Health Education.* 5th ed. New York: Harper & Row, 1972. $8.50 (paper)

EMS Comprehensive treatment of school practice, including instructional, administrative, environmental, and service programs. Emphasizes community relationships.

Oberteuffer, Delbert, and Ulrich, Celeste. *Physical Education: A Textbook of Principles for Professional Students.* 4th ed. New York: Harper & Row, 1972. $8.50 (paper)

EMS Includes chapters on the development of social relationships, ethical values, and personal resources, as well as on motor learning, organic development, and the application of the process of integration and the core curriculum to physical education.

Peck, Robert F., and Mitchell, James V. *Mental Health.* Washington, D.C.: Association of Classroom Teachers, NEA, 1962. 33 pp. 35 cents (paper)

KEMS Emphasizes the importance of teaching mental health principles; the effect of the teacher's mental health on pupil learning and counseling services for the pupil and teacher.

Roy, Mary M. *Action.* Stevensville, Mich. Educational Service, 1967. $5.25

E A handbook for teachers of elementary physical activities.

Sarason, Seymour B., *et al. Anxiety in Elementary School Children: A Report of Research.* New York: Wiley, 1960. 351 pp. $11.50

E Has important implications for psychological practices and procedures in the public schools, with special emphasis and application for child safety. Fills a definite need for school psychologists, guidance personnel, teachers, and administrators.

Stedman, Thomas L. *Stedman's Medical Dictionary.* 22nd ed. Baltimore: Williams & Wilkins, 1972. $19.95

S An authoritative medical dictionary that includes anatomical, bacteriological, chemical, dental, pharmacological, veterinary, and other special terms; a discussion of medical etymology; the most recent official anatomical terms and pharmacological preparations; and biographical sketches of figures in the history of medicine.

Turner, C. E., *et al. School Health and Health Education.* 6th ed., rev. St. Louis, Mo.: C. V. Mosby, 1966. 428 pp. $10.95

EMS Presents the functions, duties, and relationships of the school health team; describes how health education of young people comes about; and suggests procedures, methods, and materials.

Von Hilsheimer, George. *Understanding Young People in Trouble.* Rev. ed. Washington, D.C.: Acropolis Books, 1974. 272 pp. $4.50 (paper)

MS Reveals effective techniques of dealing with children, particularly by those who are dangerous, unpleasant, uncomfortable, or unwanted.

Wheatley, George M., and Hallock, Grace T. *Health Observation of School Children.* 3rd ed. New York: McGraw-Hill, 1965. 527 pp. $13.50

EMS Strives to acquaint teachers with the disorders and defects most commonly encountered in school children and to instruct them in prevention, detection, and treatment of these defects.

Willgoose, Carl E. *Health Education in the Elementary School.* 4th ed. Philadelphia: Saunders, 1974. $10.75

E Dedicated to the principle that the classroom teacher is the key to improving child health in the school. Provides information to help in planning, carrying out, and evaluating health teaching.

History

Boorstin, Daniel J. *The Americans: The Colonial Experience.* New York: Random House, 1958. 434 pp. $7.95

S Rediscovers the American character and way of life as it was shaped in the decisive years between the coming of the pilgrims and the winning of Independence.

Gottschalk, Louis R. *Understanding History: A Primer of Historical Method.* New York: Knopf, 1969. $4.95 (paper)

S Written primarily as a text on historical method for the college student. Contains many observations on the nature and methodology of history. Indicates ways in which historical facts may be made meaningful to the high school student.

King, David C. *Conflict and Change: Themes for U.S. History.* Intercom No. 76. New York: Center for War/Peace Studies of the New York Friends Group, 1974. 32 pp. $1.50 (paper)

S A guide to discussion, study and resources.

Metzner, Seymour. *World History in Juvenile Books: A Geographical and Chronological Guide.* Bronx, N.Y.: H. W. Wilson, 1973. $12

EM Lists titles available in 1971, of fiction and nonfiction.

Nance, Elizabeth. *Great Issues in American History.* Salem, Ore.: Oregon Association for Supervision and Curriculum Development, 1976. 144 pp. $4.75 (paper)

S A compilation of primary sources related to issues that have occupied the attention of the American people from colonial days to the present.

Neuenschwander, John A. *Oral History as a Teaching Approach.* Washington, D.C.: National Education Association, 1976. 46 pp. $2

MS Gives background information and shows how oral history can be an effective curriculum technique.

Workman, Brooke. *Teaching the Decades.* Champaign, Ill.: National Council of Teachers of English, 1973. 155 pp.

S A humanities approach to American civilization. Bibliography of films according to course plan.

Home Economics

Chaney, Margaret S., and Ross, Margaret L. *Nutrition.* 8th ed. Boston: Houghton Mifflin, 1971. $11.95

S Deals with the health of the individual as influenced by food and the ability of the body to use it.

Ehrenkranz, Florence, and Inman, Lydia. *Equipment in the Home.* 3rd ed. New York: Harper & Row, 1973. $13.95

S The application of chemical and physical principles to the selection, operation, and care of household equipment. Clear and easy to understand. Buying guides for major equipment and portable appliances included at the end of chapters.

Gross, Irma H., and Crandall, Elizabeth W. *Management for Modern Families.* 3rd ed. New York: Appleton-Century-Crofts, 1973.

S Revised and updated. Stresses the decision-making and managerial process per se in order to provide basic principles for homemaking situations.

Hatcher, Hazel M., and Andrews, Mildred E. *Teaching of Home Economics.* 3rd ed. Boston: Houghton Mifflin, 1973. $11.95

S A practical methods book for secondary school teachers and students preparing to become teachers. Suggests what to teach and how to teach effectively. Incorporates recent educational, scientific, and technological advances in modern curriculum.

Journalism

Hohenberg, John. *The Professional Journalist: A Guide to the Principles and Practices of the News Media.* 3rd ed. New York: Holt, Rinehart and Winston, 1973. $11.95

S A comprehensive manual for the student, teacher of journalism, and beginning newspaper reporter written by a professor of journalism who has also been a reporter, editor, and foreign correspondent.

Pritchett, Elaine H. *The Student Journalist and the Newsmagazine Format.* New York: Richards Rosen Press, 1976. $7.97

M Fundamental techniques of newsmagazine journalism.

Wood, James Playsted. *The Great Glut.* Appleton, Wis.: Nelson, 1973. $4.76

MS History and analysis of journalism, advertising and public communication in the United States.

Literature

Aquino, John. *Film in the Language Arts Class.* Washington, D.C.: National Education Association, 1977. $2.50

MS Discusses how feature-length films can extend and enrich the study of literature; also discusses the rhetoric of film.

Broderick, Dorothy. *Image of the Black in Children's Fiction.* New York: Bowker, 1973. 219 pp. $14

E Scholarly study of the historical treatment of blacks in juvenile books.

Burton, Dwight L. *Literature Study in the High School.* 3rd ed. New York: Holt, Rinehart and Winston, 1970. $8.50

S Materials and techniques for teaching literature to adolescents.

Frye, Northrop. *The Educated Imagination.* Bloomington: Indiana University Press, 1964. 156 pp. $1.95 (paper)

S Presents a theory of literature—specifically the type of reality literature embodies. Discusses teaching literature to children and the fundamental concept with which teachers should begin.

Greene, Ellin, and Schoenfeld, Madalynne. *A Multimedia Approach to Children's Literature.* Chicago: American Library Association, 1972. $4 (paper)

KE A selective list of films, filmstrips, and recordings based on children's books.

Haviland, Virginia. *Children and Literature: Views and Reviews.* New York: Lothrop, Lee & Shepard, 1974. $7.95

KE An anthology of essays, criticisms, and statements of trends in all aspects of the world of children's books.

Hopkins, Lee Bennett. *Pass the Poetry, Please! Using Poetry in Pre-Kindergarten–Six Classrooms.* New York: Citation Press, 1972. $2.65 (paper)

E Ideas for using poetry for enjoyment and motivation.

Huck, Charlotte S., and Kuhn, Doris Y. *Children's Literature in the Elementary School.* 2nd ed. New York: Holt, Rinehart and Winston, 1968. $13.50

E Based on author's extensive knowledge of child development and children's literature. Discusses planning a reading environment, helping children interpret literature, and organizing literature programs.

Painter, Helen W. *Poetry and Children.* Newark, Del.: International Reading Association, 1970. 140 pp. $4

E Teaching suggestions with samples of children's poetry.

Mainstreaming

Association of Classroom Teachers, NEA. *The Educable Mentally Retarded Student in the Secondary School.* Washington, D.C.: the Association, 1975. 33 pp. 75 cents

Reviews research on mental retardation; progress in attitudes toward, and humane treatment and education of, mentally retarded persons; the teaching and learning processes; curriculum and instruction; diagnosing needs; roles of teacher, administrator, community, parent, and employer.

Birch, Jack W. *Mainstreaming: Educable Mentally Retarded Children in Regular Classes.* Reston, Va.: Council for Exceptional Children, 1974. 104 pp. $3

Describes and analyzes six school district mainstreaming programs and lists other districts with such programs.

Grzydkowicz, Wineva. *Meeting the Needs of Learning Disabled Children in the Regular Class.* Springfield, Ill.: Charles C Thomas, 1974.

Howard, Norma K., comp. *Regular Class Placement of the Exceptional Child: An Annotated Bibliography.* Urbana, Ill.: ERIC Clearinghouse on Early Childhood Education, University of Illinois, 1974. 57 pp.

Cites documents on placement of handicapped and gifted children in preschool, kindergarten, and elementary classrooms.

Mann, Philip H., ed. *Mainstream Special Education: Issues and Perspectives in Urban Centers.* Arlington, Va.: Council for Exceptional Children, 1974.

Discusses state and local projects and university programs in teacher training.

National Advisory Council on Education Professions Development. *Mainstreaming: Helping Teachers Meet the Challenge.* Washington, D.C.: the Council. Free

U.S. Department of Health, Education, and Welfare, Office of Education. *The Unfinished Revolution: Education for the Handicapped.* 1976 Annual Report, National Advisory Committee on the Handicapped. Washington, D.C.: Government Printing Office, 1976. 48 pp.

Watson, Marjorie, ed., *Mainstreaming: With Special Emphasis on the Educable Mentally Retarded.* Washington, D.C.: National Education Association, 1977. 80 pp. $4

Provides background information and planning concepts for professional staff concerned with placing the educable mentally retarded in regular classrooms.

Wynne, Suzan, *et al. Mainstreaming and Early Childhood Education for Handicapped Children: Review and Implications of Research.* Washington, D.C.: Office of Education, January 1975.

Mathematics

Adler, Irving. *The New Mathematics.* Rev. ed. New York: John Day, 1972. $7.95

ES Addressed to the layman. Develops the real number system, stressing concepts such as measurement, number systems, matrices, and vectors.

Adler, Irving. *Thinking Machines.* Rev. ed. New York: John Day, 1974. $6.95

S Written for the layman. Explores the basic principles of logic, Boolean algebra, and computers.

Aleksandrov, A. D., *et al. Mathematics: Its Content, Methods and Meaning.* 2nd ed. 3 vols, translated by S. H. Gould. Cambridge, Mass.: M.I.T. Press, 1969. $10 (paper)

S Discusses advanced mathematical topics in such a way as to make them understandable to "a wide circle of intelligentsia."

Bell, Eric Temple. *Development of Mathematics.* 2nd ed. New York: McGraw-Hill, 1945. 637 pp. $13.95

S Main trends in the evolution of mathematical thought over the past 6,000 years. Useful in working mathematical history into one's teaching.

Boehm, George A. W., and the editors of *Fortune. The New World of Math.* New York: Dial Press, 1959. 128 pp. $3.50 (paper)

Essays which dramatize the spirit of modern mathematics as well as the many roles that mathematics plays in our contemporary civilization.

Bouwsma, Ward D., *et al. Basic Mathematics for Elementary Teachers.* New York: Ronald Press, 1967. 342 pp. $8.95

E Has as its unifying theme the repeated extension of the universal set of numbers from the natural numbers to the integers to the rationals and finally to the reals. Stress is on the basic laws of arithmetic with each extension. For prospective and in-service elementary mathematics teachers.

Butler, Charles H., and Wren, F. Lynwood. *The Teaching of Secondary Mathematics.* 5th ed. New York: McGraw-Hill, 1969. $11.95

S Provides material on the program and the improvement of instruction in secondary mathematics, as well as material on the teaching of the special subject matter of secondary mathematics.

Caravella, Joseph R. *Minicalculators in the Classroom.* Washington, D.C.: National Education Association, 1977. $2

Explores the positive contributions of the minicalculator to learning in the mathematics classroom.

Exner, Robert M., and Rosskopf, Myron F. *Logic in Elementary Mathematics.* New York: McGraw-Hill, 1959. 274 pp. $9.95

S A careful study of logic used by secondary school mathematics students and teachers in proofs of mathematical theorems. Presents some structure of symbolic logic.

Greenberg, Daniel A. *Mathematics for Introductory Science Courses: Calculus and Vectors.* New York: Benjamin, 1965. $3.95 (paper)

S Begins with a review of algebra, analytic geometry, and trigonometry. Goes on to elementary calculus, and finishes with an introduction to vector algebra. Provides an intuitive pictorial approach to mathematics.

Henderson, Kenneth B. *Teaching Secondary School Mathematics.* Washington, D.C.: Association of Classroom Teachers, NEA, 1969. 32 pp. 35 cents (paper)

S Discusses teaching of mathematical skills, concepts, and principles; a section on computer-based instruction and programmed text materials.

James, Glenn, and James, Robert C. *Mathematics Dictionary.* 3rd. ed. New York: Van Nostrand Reinhold, 1968. Multilingual edition, $19.95; student edition, $15.95.

S Definitions of more than 7,000 mathematical terms; includes cross references, logarithmic and trigonometric tables, and mathematical formulas in context. Multilingual edition contains translations of English terms into French, German, Russian, and Spanish.

Johnson, Donovan A., and Glenn, William H. *Exploring Mathematics on Your Own.* Gloucester, Mass.: Peter Smith, 1961. $5

EMS Topics include sets, sentences and operations, understanding numeration systems, computing devices, curves in space and basic concepts of vectors.

Johnson, Donovan A., and Rahtz, Robert. *The New Mathematics in our Schools.* New York: Macmillan, 1966. 192 pp. $2.50

E Although written for parents, can be used to orient teachers to the new content of elementary mathematics and its teaching. Provides exercises and answers.

Kline, Morris. *Mathematics and the Physical World.* New York: Crowell, 1959. 482 pp. $6.95

S Views mathematics in relation to the physical sciences as the basic tool of research scientists. Surveys the role of mathematics in the study of nature.

Kline, Morris. *Mathematics in Western Culture.* New York: Oxford University Press, 1964. $3.95 (paper)

S Predicated on the thesis that mathematics has been a major cultural force in Western civilization. Relates mathematics to the sciences and the arts.

McFarland, Dora, and Lewis, Eunice M. *Introduction to Modern Mathematics.* 2nd ed. Boston: D. C. Heath, 1973. $10.95

E Development of the structure of the real number system, from the ideas of sets through the systems of natural numbers, whole numbers, integers, and rational numbers.

Moise, Edwin. *Elementary Geometry from an Advanced Viewpoint.* 2nd ed. Reading, Mass.: Addison-Wesley, 1974. $12.50

EMS Presents elementary geometry from a sophisticated point of view, without presupposing previous knowledge of geometry.

National Council of Teachers of Mathematics. *A Bibliography of Recreational Mathematics,* compiled by William L. Schaaf. 4th ed. Reston, Va.: the Council, 1973. Vol. 3, 187 pp. $5

MS Includes sources of games, puzzles, brainteasers, paradoxes, tricks, geometric recreations, magic squares, classroom games and activities. Glossary.

National Council of Teachers of Mathematics. *Computer-Assisted Instruction and the Teaching of Mathematics.* Reston, Va.: the Council, 1969. 152 pp. $2.80

EMS Report of a national conference. Discusses the present status and future prospects of computer-assisted instruction.

National Council of Teachers of Mathematics. *The Elementary and Junior High School Library*, compiled by Clarence Ethel Hardgrove and Herbert F. Miller. 3rd ed. Reston, Va.: the Council, 1973. 70 pp. $1.50

EM Brief annotations of titles suitable for elementary and middle grades.

National Council of Teachers of Mathematics. *Enrichment Mathematics for the Grades*. Twenty-Seventh Yearbook. Reston, Va.: the Council, 1963. 368 pp. $7 (paper)

E Presents content for use as enrichment for able students. Replete with ideas for a deeper study of the topics usually presented in the grades and suggestions for extracurricular activities.

National Council of Teachers of Mathematics. *Enrichment Mathematics for High School*. Twenty-Eighth Yearbook. Reston, Va.: the Council, 1963. 398 pp. $7 (paper)

S Source book shows how to extend and deepen the knowledge and insight of talented students in high school and beyond. Includes extensive bibliographies.

National Council of Teachers of Mathematics. *Evaluation in Mathematics*. Twenty-Sixth Yearbook. Reston, Va.: the Council, 1961. 220 pp. $7.50

EMS Comprehensive discussion of test construction, interpretation of test scores, curriculum evaluation, ability grouping, and objectives. Also includes annotated bibliography of mathematics tests.

National Council of Teachers of Mathematics. *Geometry in the Mathematics Curriculum*. Thirty-Sixth Yearbook. Reston, Va.: the Council, 1973. 480 pp. $10

KEMS Presents the various theories on how geometry might best be taught at all levels—informally from kindergarten through the two-year college as well as formally at the secondary level.

National Council of Teachers of Mathematics. *Going Metric: Guidelines for the Mathematics Teacher, Grades K-8*. Reston, Va.: the Council, 1975. 48 pp. $1.50

KEM Gives a history of the metric system and tips for teaching SI units; suggests classroom activities, with recommended materials and instructions for student-made learning aids.

National Council of Teachers of Mathematics. *The Growth of Mathematical Ideas*. Twenty-Fourth Yearbook. Reston, Va.: the Council, 1959. 507 pp. $10

KEMS Highlights the essential elements of seven topics around which to structure the content of mathematics taught in kindergarten through twelfth grade.

National Council of Teachers of Mathematics. *The High School Mathematics Library*, compiled by William L. Schaaf. 5th ed. Reston, Va.: the Council, 1973. 74 pp. $1.50

S Annotated bibliography of books on mathematics for secondary level.

National Council of Teachers of Mathematics. *Insights into Modern Mathematics*. Twenty-Third Yearbook. Reston, Va.: the Council, 1957. 448 pp. $9.50

S Essays dealing with the concepts of numbers and sets, deductive reasoning, algebra, geometry, vectors, limits, functions, topology, probability, and computers.

National Council of Teachers of Mathematics. *The Learning of Mathematics, Its Theory and Practice*. Twenty-First Yearbook. Reston, Va.: the Council, 1953. 364 pp. $9

EMS Survey of learning theories, transfer of learning, problem solving, concept formation, motivation, practice, individual differences, and the role of language.

National Council of Teachers of Mathematics. *Mathematics Learning in Early Childhood.* Reston, Va.: the Council, 1975. 316 pp. Illus. $13

KE Resource book for teaching mathematics to children 3-8. Relates subject to the real world of the child; hundreds of ideas and activities.

National Council of Teachers of Mathematics. *Numerous Numerals.* Reston, Va.: the Council, 1975. 48 pp. $1.50

MS Each chapter of this colorful, attractive booklet is devoted to an unconventional system of numeration and includes examples, exercises, and answers.

National Council of Teachers of Mathematics. *The Overhead Projector in the Mathematics Classroom.* Reston, Va.: the Council, 1974. 32 pp. $1.30

KEMS Emphasizes applications to teaching mathematics and describes techniques for making more effective use of the aid.

National Council of Teachers of Mathematics. *The Slow Learner in Mathematics.* Thirty-Fifth Yearbook. Reston, Va.: the Council, 1972. 528 pp. $10.60

KEMS Provides ideas for teaching the slow learner at all levels and deals with subject matter alternatives while emphasizing methods for attaining them; discusses various programs, activities, approaches and lesson plans.

National Council of Teachers of Mathematics. *Topics in Mathematics for Elementary School Teachers.* Twenty-Ninth Yearbook. Reston, Va.: the Council, 1964. 377 pp. $9

E Topics chosen are especially important to teachers whose professional education did not prepare them to teach contemporary elementary mathematics. Sets, whole numbers, numeration systems for whole numbers, algorithms, numbers and their factors, rational numbers, numeration systems for the rational numbers, and number sentences.

National Education Association. *Metric Education.* Washington, D.C.: the Association, 1976. 75 cents

Reviews national and international background of the metric system and discusses teacher preparation, curriculum planning, and instructional materials.

National Science Teachers Association. *Computers—Theory and Uses.* Washington, D.C.: the Association, 1964. Student's Manual, 108 pp. 1-9 copies, $1 each; Teacher's Guide, 98 pp. $1. (One Teacher's Guide free with 10 or more Student's Manuals.)

S A unit of work for secondary school mathematics classes.

Newman, James R. *The World of Mathematics,* 4 vols. New York: Simon and Schuster, 1956. $39.95

S An encyclopedic anthology of mathematics, containing excerpts from original works and Newman's commentaries. Emphasis is on history of mathematics, mathematics and the physical sciences, mathematical logic, and mathematical culture.

Nuffield Math Project. *I Do and I Understand.* New York: Wiley. $3 (paper)

KE Ideas to make math exciting through discovery.

Ohmer, Merlin M., *et al. Elementary Contemporary Mathematics.* 2nd ed. New York: Wiley, 1972. $11.95

E Intended for both preservice and in-service training of elementary teachers. Develops the set of real numbers through the subsets of counting numbers, integers, rational numbers. Also deals with topics such as logic, sets, numeration systems, and finite number systems.

Olson, Alton T. *Mathematics Through Paper Folding.* Reston, Va.: National Council of Teachers of Mathematics, 1975. 64 pp. $1.50

EMS Illustrated; offers active experience in discovering and demonstrating mathematical relationships.

Peterson, J. A., and Hashisaki, Joseph. *Theory of Arithmetic.* 3rd ed. New York: Wiley, 1971. $11.95

EMS Widely used for in-service programs for elementary and junior high teachers. Considers arithmetic, number systems, and some geometry. Consonant with new SMSG curricula.

Platts, Mary E. *Plus.* Stevensville, Mich.: Educational Service, 1964. $5.25

E A handbook for teachers of elementary arithmetic.

Polya, Gyorgy. *Mathematical Discovery: On Understanding Learning and Teaching Problem Solving,* 2 vols. New York: Wiley. Vol. 1, 1962, 216 pp., $9.25; Vol. 2, 1962, 191 pp., $9.25

EMS Prepared for mathematics teachers, prospective teachers and students who want to develop the know-how, the right attitude, and the methodical approach to problem solving.

Polya, Gyorgy. *Mathematics and Plausible Reasoning,* 2 vols. Princeton, N.J.: Princeton University Press. Vol. I: *Introduction and Analogy in Mathematics,* 1964. Vol. II: *Patterns of Plausible Inference,* rev. ed., 1969. $9.50 each; set $17

S Shows how deductive discipline is dependent on techniques of guessing, inductive reasoning, and reasoning by analogy.

Rappaport, David. *Understanding and Teaching Elementary School Mathematics.* New York: Wiley, 1966. 227 pp. $11.

E Explains basic concepts of elementary mathematics and discusses how to teach them to children. Considers logical organization, teaching aids, and pupil differences. Includes algebra and geometry as a part of the elementary program.

Reid, Constance. *A Long Way from Euclid.* Rev. ed. New York: Crowell, 1963. 292 pp. $5

S A particularly inviting overview of the development of geometry for some 2,000 years.

Ringenberg, Lawrence A. *Informal Geometry.* New York: Wiley, 1967. 151 pp. $8.25

E Concise development of elementary geometry, using modern notation and vocabulary and an approach which is largely informal. Appropriate for developing background in geometry for prospective and in-service elementary teachers.

Spitzer, Herbert F. *Teaching Elementary School Mathematics.* Reston, Va.: National Council of Teachers of Mathematics, 1970. 50 cents

E Continues to emphasize method of teaching advocated in earlier editions—the development of a pupil's understanding through his exposure to situations where he must figure things out for himself and verify his conclusions. Materials of instruction and procedures in keeping with contemporary elementary programs.

Webber, George C., and Brown, John A. *Basic Concepts of Mathematics.* Reading, Mass.: Addison-Wesley, 1963. 328 pp. $10.95

E Clear, understandable presentation of basic elementary mathematical concepts. Set concepts used as a basis for the development of the properties of the real numbers. A mathematical approach to measurement involving concepts of geometry.

Wylie, C. R., Jr. *Foundations of Geometry.* New York: McGraw-Hill, 1964. 338 pp. $11.95

S Intended primarily for undergraduate teaching majors in mathematics. Presents an introduction to the foundations of conventional Euclidean geometry, geometry of four dimensions, and plane hyperbolic geometry.

Yandl, Andre L. *The Non-Algebraic Elementary Functions.* Englewood Cliffs, N.J.: Prentice-Hall, 1964. 266 pp. $10.50

S A complete and rigorous treatment of trigonometric functions in a manner not usually seen in elementary textbooks. Proves theorems not usually proved.

Youngpeter, John M. *Meter.* Stevensville, Mich.: Educational Service, 1975. $5.25

EM Suggested activities to motivate the teaching of the metric system.

Methods of Teaching

Cullum, Albert. *Push Back the Desks.* New York: Citation Press, 1967. $3.25 (paper)

EMS An exciting book—tells how pushing back the desks for Shakespeare, Longfellow, Renoir, vocabulary races, geographical excursions and other happenings won eager student participation and stimulated learning that lasts.

Darrow, Helen Fisher, and Van Allen, R. *Independent Activities for Creative Learning.* New York: Columbia University Press, 1961. $2.50 (paper)

E Teacher-tested ideas, a book every elementary teacher should own.

Duker, Sam. *Listening: Readings,* vol. 2. Metuchen, N.J.: Scarecrow Press, 1971. $11

EMS Comprehensive collection of articles summarizing important research and describing teaching methods at all levels.

Ginott, Haim G. *Teacher and Child.* New York: Macmillan, 1972. 323 pp. $6.95

EMS A guide for communicating with children.

Greer, Mary, and Rubinstein, Bonnie. *Will the Real Teacher Please Stand Up?* Pacific Palisades, Calif.: Goodyear, 1972. 236 pp. Illus. $7.95 (paper)

EMS A primer in humanistic education.

Holt, John. *How Children Learn.* New York: Dell, 1972. $2.45 (paper)

KEMS Proves that failure can be eliminated if teachers understand how children learn.

Holt, John. *What Do I Do Monday?* New York: Dell, 1974. 318 pp. $1.50 (paper)

KEMS Ideas for teaching reading, writing, and mathematics; the author explains his theories of learning as a growth process.

Hunkins, Francis P. *Involving Students in Questioning.* Boston: Allyn & Bacon, 1976. $10.76

S Promoting student involvement in the learning process and evaluating the results.

Joyce, Bruce R. *The Teacher and His Staff: Man, Media and Machines.* Washington, D.C.: National Commission on Teacher Education and Professional Standards and Center for the Study of Instruction, NEA, 1967. 28 pp. $1

EMS Gives a glimpse into the school of the future, where a direct-instruction team of professionals and aides is using inquiry, computers, self-instruction, materials creation, and human relations centers to help children learn. Includes a complete description of a typical day's work.

Murrow, Casey, and Murrow, Liza. *Children Come First.* New York: Harper & Row, 1972. $1.75

KE The inspired work of English primary schools.

Noar, Gertrude. *Teacher Aides at Work.* Washington, D.C.: National Commission on Teacher Education and Professional Standards, NEA, 1967. 32 pp. $1

EMS A sensitive, candid report on the use of teacher aides in the school. Presents an honest, balanced picture of some new staffing concepts that could help shape the ways in which nonprofessionals can contribute to the improvement of education and making the teacher's job more manageable.

Postman, Neil, and Weingartner, Charles. *Teaching as a Subversive Activity.* New York: Dell, 1969. 218 pp. $2.45 (paper)

S Thesis of the book is that change—constant, accelerating, ubiquitous—is the most striking characteristic of the world we live in and that our educational system has not yet recognized this fact.

Rosenthal, Robert, and Jacobson, Lenore. *Pygmalion in the Classroom.* New York: Holt, Rinehart and Winston, 1968. 240 pp. $5.50 (paper)

S Teacher expectation and pupils' intellectual development.

Sanders, Norris N. *Classroom Questions—What Kinds.* New York: Harper & Row, 1966. $5.50 (paper)

EMS Semi-programmed book to improve types of questions and better evaluation methods.

Torrance, E. Paul, and Myers, R. E. *Creative Learning and Teaching.* New York: Dodd, Mead, 1970. 343 pp. $7.50

EMS Theme of the book is awareness. Purpose—to help teachers become better teachers by making them aware of their own creative potentialities; making them aware of the kinship of the teaching-learning and creative processes.

Voight, Ralph Claude. *Invitation to Learning.* Vol. 1: *The Learning Center Handbook.* Washington, D.C.: Acropolis Books, 1974. 150 pp. Illus. $4.95 (paper)

KE A how-to manual to change the classroom into a place of stimulating activity with learning center concepts.

Voight, Ralph Claude. *Invitation to Learning.* Vol. 2: *Teaching Centers with Instructional Depth. The Teaching Center Handbook.* Rev. ed. Washington, D.C.: Acropolis Books, 1974. 150 pp. Illus. $4.95 (paper)

KE Companion to Vol. 1, *The Learning Center Handbook.* Gives many examples of center teaching; an important section on recycling learning centers shows how centers can be reused in part or whole to teach new concepts.

Voight, Ralph Claude. *The Learning Center Idea Book,* Vol 3. Washington, D.C.: Acropolis Books, 1976. 150 pp. Illus. $12.50 (paper)

KE Excellent for individualized teaching of skills. Centers are classroom-tested complete directions, colorful illustrations.

Multiethnic Education

Association for Supervision and Curriculum Development. *Eliminating Ethnic Bias in Instructional Materials: Comment and Bibliography.* Washington, D.C.: the Association, 1974. 53 pp. $3.25

EMS Deepens and broadens appreciation for the culture of varied ethnic groups.

Banks, James A. *Teaching Strategies for Ethnic Studies.* Boston: Allyn & Bacon, 1975. 502 pp. $5.95

Ideas and guides for teaching ethnic and multicultural courses. Also an evaluative selection tool for textbooks, ethnic periodicals, and nonprint media.

Cahn, Edgar A., ed. *Our Brother's Keeper: The Indian in White America.* New York: New Community Press, 1969.

Compiled by researchers from the Citizens' Advocate Center; presents the problems with the Bureau of Indian Affairs, termination, Indian land, Public Health Service from the non-Indians' point of view.

Cashman, Marc. *Bibliography of American Ethnology.* Rye, N.Y.: Todd Publications, 1976. 304 pp.

Lists approximately 4,500 books on ethnology and race relations; is divided into four main categories: general ethnology, American Indians, Black-Americans, and other minority groups.

Cohen, David, ed. *Multi-Ethnic Media: Selected Bibliographies in Print.* Chicago: American Library Association, 1975. 33 pp. $2

EMS A bibliography of essays, multimedia resources on ethnic minority groups.

Educational Leadership. "Multicultural Curriculum: Issues, Designs, Strategies," vol. 33, no. 3 (December 1975): 163-216.

Gilmore, Delores D., and Petrie, Kenneth. *People: Annotated Bibliography, K-12.* Rockville, Md.: Montgomery County Public Schools, 1973. 344 pp. $5

KEMS Annotated bibliography of print and nonprint media, sources and resources on ethnic groups other than black.

Gollnick, Donna M., *et al. Multicultural Education and Ethnic Studies in the United States: An Analysis and Annotated Bibliography of Selected ERIC Documents.* Washington, D.C.: American Association of Colleges for Teacher Education and ERIC Clearinghouse on Teacher Education, 1976. 164 pp.

Abstracts of selected ERIC documents are arranged in five major sections: concept materials, classroom materials, curriculum materials, program materials, other materials. All abstracts identified by ethnic group.

Jewish Americans and Their Backgrounds: Sources of Information. Compiled by the Social Responsibilities Round Table Task Force on Ethnic Materials Information Exchange. Chicago: American Library Association, 1976.

Lists and reviews bibliographies and periodicals dealing with the Jewish experience in the United States.

Johnson, Harry A., ed. *Ethnic American Minorities: A Guide to Media and Materials.* New York: Bowker, 1976. 375 pp. $15.95 (tentative)

Position papers on Afro-Americans, Asian Americans, native Indian Americans, Spanish-speaking Americans plus annotated bibliography on hundreds of nonprint materials.

Klein, Bernard, and Icolari, Daniel, eds. *Reference Encyclopedia of the American Indian.* New York: B. Klein, 1967. 536 pp. $15

MS An essential tool for anyone interested in any aspect of Indian affairs.

National Education Association. *Viva: A Look at the Hispanic-Americans.* Washington, D.C.: the Association, 1975. 48 pp. $1

Supplies information about the Hispanic-American people and their contributions to American life and history.

New Jersey Education Association/National Education Association Ethnic Heritage Projects. *Roots of America: A Multiethnic Curriculum Resource Guide for 7th, 8th, and 9th Grade Social Studies Teachers.* Washington, D.C.: National Education Association, 1975. 189 pp. $4

MS Ethnic American experiences considered are black, Italian, Japanese, Jewish, Mexican, native American Indian, Polish, and Puerto Rican.

Rose, Peter I., ed. *Many Peoples, One Nation.* New York: Random House, 1973. 13 pp. $4.60

MS A text with stories, poems, essays, and songs about the many peoples of the United States.

San Francisco Unified School District. *The North American Indian and the Eskimo.* San Francisco: the District, 1972. 26 pp. $3.29

EMS Graded bibliography of audiovisual materials of particular interest in the study of the North American Indian, the Eskimo and in the fields of ethnology and anthropology.

Music

Barzun, Jacques. *Music in American Life.* Bloomington: Indiana University Press, 1962. $1.75 (paper)

S A significant contribution in a vast and complex field.

Birge, Edward Bailey. *History of Public School Music in the United States.* Washington, D.C.: Music Educators National Conference, 1962. 323 pp. $5.50

EMS A standard reference on the growth and development of music in the public schools up to 1939.

Chase, Gilbert. *The American Composer Speaks: A History Anthology, 1770-1965.* Baton Rouge: Louisiana State University Press, 1967. 318 pp. $10.95

EMS Collection of essays designed to answer questions on individual composers, their theories of music, and artistic creation. Discusses the problems the composer faces in our society.

Chase, Gilbert. *America's Music from the Pilgrims to the Present.* Rev. ed. New York: McGraw-Hill, 1966. $11.95 (text ed.)

EMS Covers the development of North American music. A bibliography and notes on recordings included.

Debussy, Claude, *et al. Three Classics in the Aesthetics of Music.* New York: Dover, 1962. 188 pp. $2 (paper)

S Contains "Monsieur Croche, the Dilettante Hater" by Debussy; "Sketch of a New Aesthetic of Music" by Ferrucio Busoni; and "Essay Before a Sonata" by Charles Ives.

Grout, Donald J. *History of Western Music.* Rev. ed. New York: Norton, 1973. $11.50

S Scholarly treatment of music history in Western civilization.

Hermann, E. J. *Supervising Music in the Elementary School.* Englewood Cliffs, N.J.: Prentice-Hall, 1965. 210 pp. $8.95

E Deals with problems of supervision in elementary music education. Clearly defines the role of the music specialist.

Hickok, Dorothy, and Smith, James A. *Creative Teaching of Music in the Elementary School.* Boston: Allyn & Bacon, 1974.

EM Gives ways in which classroom teachers and the music teacher develop both creative and musical ability in children. Selected bibliography for each chapter.

Jacobs, Arthur, ed. *Choral Music.* Gloucester, Mass.: Peter Smith, 1975. $5.50

S More than 20 American and British contributors. Traces choral music from the Middle Ages to the twentieth century.

Jankowski, Paul, and Jankowski, Francis. *Accelerated Programs for the Gifted Music Student.* West Nyack, N.Y.: Parker, 1976.

EMS Covers all major areas of music; discusses self-directed programs for gifted music students.

Kraus, Richard G. *Folk Dancing: A Guide for Schools, Colleges, and Recreation Groups.* New York: Macmillan, 1962. 222 pp. $9.50

EMS Diagrams, formations, recordings for traditional dances.

La Salle, Dorothy. *Rhythms and Dances for Elementary Schools.* Rev. ed. New York: Ronald Press, 1951. 201 pp. $6.95

E Movement fundamentals, characterizations, singing games, simple folk dances, intermediate and advanced folk dances.

Leonhard, Charles, and House, Robert W. *Foundations and Principles of Music Education.* 2nd ed. New York: McGraw-Hill, 1972. $10.95

S Useful in developing a philosophy of music education. Oriented toward the prospective music teacher.

Monsour, Sally, and Perry, Margaret. *Junior High School Music Handbook.* 2nd ed. Englewood Cliffs, N.J.: Prentice-Hall, 1970. $5.95 (paper)

S A practical guide, complete with many musical examples and helpful suggestions for teachers.

Moore, Karen. *Note.* Stevensville, Mich.: Educational Service, 1973. $5.25

EM Suggested activities to motivate the teaching of elementary music.

Nonsexist Education

American Association of School Administrators. *Sex Equality in Educational Materials.* Book No. 4, Executive Handbook Series. Arlington, Va.: the Association, 1975. 18 pp. $2.50

EMS Report from the AASA Advisory Commission on *Sex Equality in Education* is designed to assist school administrators to move toward this goal.

American Association of School Administrators. *Sex Equality in School.* Book No. 5, Executive Handbook Series. Arlington, Va.: the Association, 1975. 25 pp. $2.50 (paper)

EMS Handbook deals with organizational procedures in the school which tend to channel girls and boys into different programs.

Association for Childhood Education International. *Growing Free: Ways To Help Children Overcome Sex-Role Stereotypes.* Washington, D.C.: the Association, 1976. 32 pp. $1 (paper)

EM Examination of questions and concerns of sex-role stereotyping, with suggestions for a meaningful response and building positive futures. Resource list.

Gersoni-Stavn, Diane. *Sexism and Youth.* New York: Bowker, 1974. 464 pp. $10.95

KEMS Describes sex-role stereotyping from the preschool through high school years.

Karts, Andrea B. *Women and Men—Changing Roles in a Changing World.* New York: New York Friends Group, 1976. Intercom No. 81.

S Discusses the women's movement as a worldwide development involving men and women everywhere. Teachers could use suggestions for minicourses, or incorporate them into the regular curriculum.

National Education Association. *Sex Role Stereotyping in the Schools.* Washington, D.C.: the Association, 1973. 65 pp. $2.50 (paper)

Collection of essays on the effects on school children of sexism in education; offers alternatives to the present curriculum.

Resource Center on Sex Roles, Educational Challenges, Inc. *Today's Changing Roles: An Approach to Non-Sexist Teaching.* Washington, D.C.: National Foundation for the Improvement of Education, 1974. 108 pp. $3

KEMS A curriculum model (K-12) to identify and evaluate the meaning of the changes in our ideas on sex roles.

Photography

Editors of Time-Life Books. *Light and Film.* New York: Time-Life Books, 1971. 227 pp. $9.95

S Deals with the nature of light; shows how the technical objects of a "good" negative can be combined with esthetic aims of an outstanding picture.

Feininger, Andreas. *The Color Photo Book.* Englewood Cliffs, N.J.: Prentice-Hall, 1969. 408 pp. $12.95

S Covers every phase of color photography.

Feininger, Andreas. *Principles of Composition in Photography.* Garden City, N.Y.: Amphoto, 1973. $7.95

S Explains the use of composition in capturing an image.

Lyons, Nathan, ed. *Photographers on Photography: A Critical Anthology.* Englewood Cliffs, N.J.: Prentice-Hall, 1966. $5.95 (paper)

S The development of photography in this century as seen in the works and through the words of 23 of the leading practitioners. Excellent bibliography and biographic material.

Peterdi, Gabor. *Printmaking.* New York: Macmillan, 1971. $17.50

EMS A wide range of techniques suitable for the very young, but adaptable for more advanced students. Clear directions and fair examples of children's work.

Sussman, Aaron. *The Amateur Photographer's Handbook.* 8th revision. New York: Crowell, 1973. $8.95

S Discusses developments in photography and gives ideas for creating special effects.

Physics

Gamow, George. *Thirty Years That Shook Physics: The Story of Quantum Theory.* New York: Doubleday, 1966. 224 pp. $1.95 (paper)

S A short history of quantum theory. Treats the contributions of a different scientist in each chapter.

Holden, Alan. *The Nature of Solids.* New York: Columbia University Press, 1968. $2.75 (paper)

S Clear and simple o[illegible]e, with almost no mathematics, of the physical theory underlying the rapid development of solid state physics. An excellent review of physical theory and an easily understandable introduction to theoretical physics.

Political Science

Dahl, Robert A. *Who Governs? Democracy and Power in an American City.* New Haven, Conn.: Yale University Press, 1961. 355 pp. $3.95 (paper)

S An examination of the nature of community power in New Haven, Connecticut. Illustrates the intricacies of the policy-making process in a middle-sized American city.

Lewis, Anthony. *Gideon's Trumpet.* New York: Random House, 1964. 262 pp. $6.95 (cloth); $1.95 (paper)

S A case study of the precedent-setting case of *Gideon vs. Wainwright,* in which the Supreme Court ruled that indigents accused of a crime have a right to counsel even in a noncapital case.

Polsby, Nelson W. *Congress and the Presidency.* 2nd ed. Englewood Cliffs, N.J.: Prentice-Hall, 1971. $2.95 (paper)

S A brief overview of executive-legislative relations in the American national government.

Ranney, Austin. *Essays on the Behavioral Study of Politics.* Urbana: University of Illinois Press, 1962. 251 pp. $5

S A good and somewhat simplified introduction to some of the latest research in approaches to the study of politics.

Sorauf, Frank J. *Political Science: An Informal Overview.* Columbus, Ohio: Charles E. Merrill, 1965. 115 pp. $2.95 (paper)

S An excellent brief introduction to political science, written in clear, straightforward language. Includes a chapter on methods for teachers by Raymond H. Muessig and Vincent R. Roger.

Theis, Paul A., and Steponkus, William P. *All About Politics.* New York: Bowker, 1972. 228 pp. $12.95

S Nonpartisan guide to the complex political world; questions and answers on the U.S. political process.

Reading

American Association of Elementary-Kindergarten-Nursery Educators. *Prevention of Failure.* Washington, D.C.: the Association, 1975. 80 pp. $1 (paper)

E Takes the position that the school, through focusing its efforts on the systematic prevention of failure, can make a significant difference in the future of children.

Association for Childhood Education International. *Some Approaches to Reading.* Washington, D.C.: the Association, 1969. 56 pp. $2

E Techniques from alphabet teaching to talking typewriters. How methods work; importance of variety and experimentation.

Bond, Guy L., and Wagner, Eva Bond. *Teaching the Child To Read.* 4th ed. New York: Macmillan, 1966. 404 pp. $9.95

E A well-organized textbook, appropriate for use both in reading methods courses and as a guide to in-service teachers. Links theoretical principles to sound practices. Not only develops basic skills in reading, but also gives attention to the remedial phase, the personal or pleasure phase, and to reading in the content areas.

Burie, Audrey Ann. *Reading with a Smile: 90 Reading Games That Work.* Washington, D.C.: Acropolis Books, 1974. 200 pp. Illus. $6.95 (paper)

EMS Easy-to-make, child-tested, teacher-made games to stimulate an active interest in reading skills development.

Carroll, John B., and Chall, Jeanne S. *Toward a Literate Society.* Report of the Committee on Reading of the National Academy of Education. New York: McGraw-Hill, 1975. 370 p.

Collection of monographs the reading problem.

Cheyney, Arnold B. *Teaching Reading Skills Through the Newspaper.* Newark, Del.: International Reading Association, 1971. 50 pp. $2 (paper)

EMS Offers suggestions for developing reading skills through the use of the daily newspaper.

Dawson, Mildred A. *Teaching Word Recognition Skills.* Newark, Del.: International Reading Association, 1970. 296 pp. $3 (paper)

E Emphasizes phonics, give general program and policies.

DeHirsch, Katrina, *et al. Predicting Reading Failure.* New York: Harper & Row, 1966. $7.95

E Reports two preliminary studies on predicting reading disabilities of pre-first grade children. Suggests that some children of normal intelligence may have difficulty learning to read because of neurophysiological immaturity and, further, that such children may be identified before the first grade by a series of selected tests. A pre-formal reading program for such children is suggested.

Duffy, Gerald G., ed. *Reading in the Middle School.* Newark, Del.: International Reading Association, 1974. 212 pp. $6.50

M Focuses on organizational problems, describes reading content and instructional strategies, and predicts future of middle school reading.

Durkin, Dolores. *Children Who Read Early.* New York: Teachers College Press, 1966. $5.25

E Reports longitudinal studies of children who learned to read before attending school. Valuable in its analysis of the personal and family characteristics of early readers.

Durr, William K., ed. *Reading Instruction: Dimensions and Issues.* Boston: Houghton Mifflin, 1967. 359 pp. $8.50 (paper)

E A collection of articles organized under headings such as Readiness, Artificial Orthographies, Critical Reading, The Disadvantaged Child, Perception, and Linguistics. Presents a good balance of established practice and experimental trends. Useful for updating information in this rapidly changing field. Many useful bibliographies for pursuing further topics of interest.

Farr, Roger C., and Laffey, James L. *Reading in the High School.* Washington, D.C.: Association of Classroom Teachers, NEA, 1970. 32 pp. 75 cents (paper)

S Centers on general and specific reading skills, evaluating reading development, types of reading programs, essentials of a successful program, and research and development needs.

Fries, Charles C. *Linguistics and Reading.* New York: Holt, Rinehart and Winston, 1963. 265 pp. $7.95

E Explores relationship between linguistic research and reading instruction. Chapter 2, "Linguistics: The Study of Language," reprinted separately (Holt, $2.95), gives readable overview of developments in linguistics from 1820 to 1960.

Gans, Roma. *Common Sense in Teaching Reading.* Indianapolis: Bobbs-Merrill, 1963. 298 pp. $8.95

E Discusses a child's learning to read in home and school settings and the extent to which common practices in these settings are consistent with the aim to educate him as a literate citizen.

Gilliand, John. *Readability.* Newark, Del.: International Reading Association, 1972. 128 pp. $3 (paper)

EMS Gives published research on readability and practical implications.

Hall, Nancy A. *Rescue.* Stevensville, Mich.: Educational Service, 1969. 237 pp. $5.25

E A classroom teacher's handbook of ideas and activities for remedial reading.

Harris, Albert J. *Effective Teaching of Reading.* 2nd ed. New York: David McKay, 1971. $5.95 (paper)

E Especially useful for the beginning teacher who has not had a course in the teaching of reading.

Heilman, Arthur W. *Principles and Practices of Teaching Reading.* 3rd ed. Columbus, Ohio: Charles E. Merrill, 1972. $11.95

E A comprehensive treatement of all aspects of reading instruction in the elementary school, including chapters on beginning reading, individualized reading, linguistics, and study skills.

Henry, George H. *Teaching Reading as Concept Development: Emphasis on Affective Thinking.* Newark, Del.: International Reading Association, 1974. $5 (paper)

MS Discusses theory and practice of concept development.

International Reading Association. *Reading, Children's Books and Our Pluralistic Society,* compiled by Harold Tanyzer and Jean Karl. Newark, Del.: the Association, 1972. 89 pp. $3.50

KE Essays about children's books that treat ethnic groups of America. Selected bibliography lists all types of media.

Jay, M. Ellen. *Involvement Bulletin Boards and Other Motivational Reading Activities.* Syracuse, N.Y.: Gaylord Bros., 1976.

KE Designed to provide ideas, give examples and help anyone who works with groups of children to get started with participatory displays of their own.

Johnson, Marjorie S., and Kress, Roy A. *Informal Reading Inventories.* Newark, Del.: International Reading Association, 1965. $2 (paper)

EMS A service bulletin giving clear and specific help for developing and using informal reading inventories in the diagnostic teaching of reading.

Karlin, Robert. *Teaching Reading in High School.* 2nd ed. Indianapolis: Bobbs-Merrill, 1972. $7.50

S Presents in detail methods which can be used in a variety of reading situations in high school.

Nielson, Duane M., and Hjelm, Howard F. *Reading and Career Education.* Newark, Del.: International Reading Association, 1975. 116 pp. $5.

S Emphasizes reading in making career education meaningful; explains reading requirements and gives examples of programs.

Otto, Wayne, and McMenemy, Richard A. *Corrective and Remedial Reading: Principles and Practices.* 2nd ed. Boston: Houghton Mifflin, 1973. $11.95

E Considers the areas of reading, spelling, handwriting, arithmetic, and written and oral expression. Written for the classroom teacher.

Preston, Ralph C., ed. *New Look at Reading in the Social Studies.*

EM Focuses on reading, vocabulary, controversial issues, use of primary sources, and learning through criticism.

Robinson, H. Alan, and Rauch, Sidney J., eds. *Corrective Reading in the High School Classroom.* Newark, Del.: International Reading Association, 1966. 135 pp. $3.50

S Designed for high school teachers who suspect that their students' difficulties are related to reading ability, but do not know how to overcome the problem.

Russell, David H., and Karp, Etta. *Reading Aids Through the Grades.* 2nd rev. ed. by Anne Marie Mueser. New York: Teachers College Press, 1975. $4.05

EM A guide to materials and 440 activities for individualizing reading instruction.

Sargent, Eileen E., *et al. How To Read a Book.* Newark, Del.: International Reading Association, 1970. $2 (paper)

MS How-to-study textbook material and how-to-read narrative material.

Smith, Helen K., ed. *Meeting Individual Needs in Reading.* Newark, Del.: International Reading Association, 1971. $4.50

MS For teachers concerned with the various aspects of meeting individual differences in reading.

Smith, Nila Banton. *American Reading Instruction.* Newark, Del.: International Reading Association, 1965. 449 pp. $6

EMS A historical study of reading instruction in the United States, tracing the methods and materials used at various times. Indispensable for obtaining a perspective on reading instruction.

Smith, Nila Banton. *Reading Instruction for Today's Children.* Englewood Cliffs, N.J.: Prentice-Hall, 1963. 594 pp. $12.95

KEMS An invaluable combination of research findings and practical suggestions about every aspect of the teaching of reading, presented in vivid, teacher-to-teacher anecdotes. Unusually good index.

Spache, George D. *Good Reading for Poor Readers.* 9th ed. Champaign, Ill.: Garrard, 1972. 304 pp. $5.75 (paper)

MS Contains exercises to develop rate and flexibility vocabulary, and reading skills necessary for successful reading.

Strang, Ruth. *Diagnostic Teaching of Reading.* 2nd ed. New York: McGraw-Hill, 1969. $10.95

ES A positive approach to reading instruction. Emphasizes that the teacher start by obtaining an understanding of the student's strengths and attitudes and take constructive steps to do something about them.

Strang, Ruth, *et al. Guidance and the Teaching of Reading.* Newark, Del.: International Reading Association, 1969. 39 pp. $2 (paper)

EMS For counselors and reading teachers to guide as they teach.

Veatch, Jeanette, and Acinapuro, Philip. *Reading in the Elementary School.* New York: Ronald Press, 1966. $8.95

E Contains many soundly conceived suggestions for individualizing reading instruction. Closely related to speaking, listening, and writing.

Witty, Paul A., *et al. The Teaching of Reading: A Developmental Process.* Boston: D. C. Heath, 1966. 435 pp. $8.95

EMS Describes a reading program from beginning reading through programs for college students. Emphasizes the developmental nature of reading, the importance of interest, and concern for the individual and highlights the role of the effective teacher as the key to the successful reading program.

Safety Education

Bishop, Richard, *et al. Driving: A Task Analysis Approach.* Skokie, Ill.: Rand McNally, 1975. $5.28 (text ed.)

S Detailed drawings, student participation. Learning experiences geared to learning objectives.

New York University, Division of General Education, Center for Safety Education. *Driver Education and Traffic Safety.* 2nd ed. Englewood Cliffs, N.J.: Prentice-Hall, 1976. $8.32

S Explains the moral and legal responsibilities of the driver, the skills and attitudes involved in driving, and public agencies for traffic safety.

Stack, Herbert J., and Elkow, J. D. *Education for Safe Living.* 4th ed. Englewood Cliffs, N.J.: Prentice-Hall, 1966. 374 pp. $11.95

EMS Recommended for providing teachers, supervisors, and administrators with a knowledge and understanding of the concepts and principles of safety education on all levels and in all life activities. Covers the broad areas of safety education and injury control from the elementary school through college and adulthood. Includes a wide range of safety materials and programs.

Spencer, Zone A. *Prevent.* Stevensville, Mich.: Educational Service, 1975. $5.25

E Suggested activities to motivate the teaching of elementary safety.

School Finance

American Association of School Administrators. *Realities of School Finance.* Arlington, Va.: the Association, 1971. 12 pp. $1

EMS A graphic presentation of the economic realities and possibilities confronting education today.

National Education Association, Committee on Educational Finance. *A Time for Priorities: Financing the Schools for the 70's.* Washington, D.C.: the Association, 1970. 203 pp. $3.50

EMS Annual proceedings of the 13th National Conference on School Finance.

National Education Association, Committee on Educational Finance. *Financial Status of the Public Schools, 1975.* Washington, D.C.: the Association, 1975. 48 pp. $5

EMS Reviews employment, revenues, and expenditures and forecasts conditions for the coming year.

Science

Althouse, Rosemary, and Main, Cecil. *Science Experiences for Young Children.* New York: Teachers College Press, 1975. $15

K Biological and physical key concepts introduced to the preschooler.

American Association for the Advancement of Science. *The A.A.A.S Science Book List,* compiled by Hilary J. Deason. 3rd ed. Washington, D.C.: the Association, 1970. 454 pp. $10

S Annotated list of science and mathematics books for secondary school students. Arranged by Dewey Decimal number, then alphabetically by author.

American Association for the Advancement of Science. *The A.A.A.S Science Book List for Children,* compiled by Hilary J. Deason. 3rd ed. Washington, D.C.: the Association, 1972. 265 pp. $8.95

EM Lists science and mathematics books with annotations for children.

Blough, Glenn O., and Schwartz, Julius. *Elementary School Science and How To Teach It.* 5th ed. New York: Holt, Rinehart and Winston, 1974. $12.50

E Content and experiences for all age levels in the elementary school.

Bronowski, J. *The Ascent of Man.* Boston: Little, Brown, 1973. $17.50

S Traces the development of science as an expression of the special gifts that characterize man and that have made him unique among animal species.

Carin, Arthur, and Sund, Robert B. *Teaching Science Through Discovery.* 2nd ed. Columbus, Ohio: Charles E. Merrill, 1970. $12.95

EMS Provides a rationale for teaching by defining science in terms of process and product and by showing how it meets the needs of children and of society. Recommends the teaching of science through inquiry and investigation (problem solving). Discusses facilities and materials for elementary school science.

Koran, John J. *Teaching High School Science.* Washington, D.C.: Association of Classroom Teachers, NEA, 1970. 32 pp. 50 cents (paper)

S Discusses goals and instructional objectives; also instructional methods and materials.

McGraw-Hill Encyclopedia of Science and Technology. 3rd ed., 15 vols. New York: McGraw-Hill, 1971. $410 (set)

S Exhibits a depth and sophistication beyond the standard major encyclopedias.

Roy, Mary Massey. *Probe.* Stevensville, Mich.: Educational Service, 1966. $5.25

E A handbook for teachers of elementary science.

Saterstrom, Mary H., and Renner, John W., eds. *Educator's Guide to Free Science Materials.* Rev. 16th ed. Randolph, Wis.: Educators Progress Service, 1960. $10.25 (paper)

EMS An annotated guide to pamphlets, charts, films, filmstrips, and other free or inexpensive materials; title and subject indexes and directory of sources.

Stepp, Ann. *Setting Up a Science Project.* Englewood Cliffs, N.J.: Prentice-Hall, 1966. 56 pp. $4.95

EMS A logical approach to science projects, describing in depth such pertinent considerations as choosing a problem, research, planning, costs, construction, experimentation, and presentation. Includes judging criteria and index.

Sund, Robert B., and Trowbridge, Leslie W. *Teaching Science by Inquiry in the Secondary School.* 2nd ed. Columbus, Ohio: Charles E. Merrill, 1973. $11.95

S Emphasizes the discovery approach to science teaching with chapters on new curriculum, classroom discipline, science facilities, and creativity. A textbook and reference source for the beginning and experienced teacher.

Victor, Edward, and Lerner, Marjorie. *Readings in Science Education for the Elementary School.* 3rd ed. New York: Macmillan, 1974. $6.95 (paper)

E Selected readings to introduce the elementary teacher to some of the current thought in science education as expressed by noted authorities.

Weast, Robert C., ed. *Handbook of Chemistry and Physics: A Ready-Reference Book of Chemical and Physical Data.* 56th ed. Cleveland, Ohio: Chemical Rubber Co., 1975. $27.95

S A well-known reference book, revised annually, that contains essential information on mathematics, chemistry, and physics. Physical constants of chemical elements and compounds, definitions, and formulas.

Wilson, E. B. *Introduction to Scientific Research.* New York: McGraw-Hill, 1952. $2.95 (paper)

S For the teacher and advanced student; introduces scientific methods and the design of experiments.

Social Sciences

Association for Childhood Education International. *Teaching for Social Values in Social Studies.* Washington, D.C.: the Association, 1974.

EM Looks at value clarification and information as essential elements of social studies instruction. Many thought-provoking exercises.

Berelson, Bernard, and Steiner, Gary A. *Human Behavior: An Inventory of Scientific Findings.* New York: Harcourt Brace Jovanovich, 1967. $2.55 (paper)

S An inventory of scientific findings about social and psychological relationships.

Chase, W. Linwood, and John, Martha T. *Guide for the Elementary Social Studies Teacher.* 2nd ed. Boston: Allyn & Bacon, 1972. $7.95 (paper)

E Emphasizes practices rather than theory. Demonstrates clearly what should be happening in the classroom and how desired effects can be achieved. Questions uniform practices. Stresses individual differences with many specific suggestions for individualization of learning tasks.

Clements, H. Millard, *et al. Social Study: Inquiry in Elementary Classrooms.* Indianapolis: Bobbs-Merrill, 1966. 402 pp. $9

E Based on the inquiry technique. Gives both theory and practical illustration for the elementary social studies teacher. Also includes a series of readings by other authors on topics of relevance to the student preparing to teach.

Coyle, David Cushman. *The United Nations and How It Works.* Rev. ed. New York: Columbia University Press, 1969. $12.50

MS Structure, problems, operations, aims, and accomplishments of the United Nations.

Gerlach, Ronald A., and Lamprecht, Lynne W. *Teaching About the Law.* Cincinnati, Ohio: W. H. Anderson, 1975. 354 pp.

KEMS Contains examples of guides, strategies, and resources for K-12 teachers who are using law education programs with citizenship.

Grambs, Jean D. *Understanding Intergroup Relations.* Washington, D.C.: National Education Association, 1973. 32 pp. 75 cents (paper)

EMS Features guidelines to practice in intergroup education, research advances, and basic concepts.

Hanna, Paul R., *et al. Geography in the Teaching of Social Studies: Concepts and Skills.* Boston: Houghton Mifflin, 1966. 511 pp. $8.95 (paper)

EMS Presents the theoretical basis for geography in a coordinated social studies program. Gives geographic concepts and skills which can be used in teaching about the expanding communities of men and basic human activities.

Hoselitz, Bert F., ed. *A Reader's Guide to the Social Studies.* Rev. ed. New York: Free Press, 1970. $3.95 (paper)

S A general introduction to the literature of the social sciences. Acquaints students, librarians, and others with what is available in books, journals, etc., for use in research and teaching.

Hunt, Maurice P., and Metcalf, Lawrence E. *Teaching High School Social Studies.* 2nd ed. New York: Harper & Row, 1968. $13.95

S Suggests that the reflective method and key controversial problems should be the center of the social studies curriculum.

Jarolimek, John. *Social Studies in Elementary Education.* 4th ed. New York: Macmillan, 1971. $10.95

E Presents preservice and in-service teachers with basic principles, ideas, and procedures which lead to sound instructional practices in teaching social studies at the elementary school level.

Jarolimek, John, and Walsh, Haver M., ed. *Readings for Social Studies in Elementary Education.* 4th ed. New York: Macmillan, 1974. $6.50 (paper)

E Good selection of readings which represent most current schools of thought. Useful as pre- or in-service text.

Kenworthy, Leonard S. *Guide to Social Studies Teaching.* 4th ed. Belmont, Calif.: Wadsworth, 1962. 393 pp. $8.95

EMS Endeavors to satisfy a desire often expressed by prospective teachers as well as experienced teachers for more practical material on social studies methods.

McLendon, Jonathon C., ed. *Readings on Social Studies in Secondary Education.* New York: Macmillan, 1966. 414 pp. $4.50 (paper)

S Chapter titles include "The Contemporary Social World," "American Adolescents and Their Society," "Objectives of Social Studies," "Society, Social Scientists, Teachers, and Social Studies," "History: Recapturing the Past," "Geography: People and Their Environment ."

McLendon, Jonathon C., and Findlay, Penix C. *Teaching the Social Studies.* Washington, D.C.: Association of Classroom Teachers, NEA, 1968. 32 pp. 35 cents (paper)

EMS Describes curriculum elementary and secondary patterns, methods of teaching and learning.

Massialas, Byron G., and Kazamias, A. M., eds. *Crucial Issues in the Teaching of Social Studies: A Book of Readings.* Englewood Cliffs, N.J.: Prentice-Hall, 1963. $5.95 (paper)

EMS Views of scholars in education, history, and the social sciences; 38 essays that emphasize nine crucial areas of social studies education. How social studies should be taught at the elementary and secondary levels and the bases upon which curricula, textbooks, instruments of evaluation, and the techniques of teaching should be assessed and examined.

Michaelis, John U. *Social Studies for Children in a Democracy.* 5th ed. Englewood Cliffs, N.J.: Prentice-Hall, 1972. $11.95

EMS Reports the significant changes in social studies programs during the past five years. Presents new teaching strategies, new objectives of instruction, and new patterns of curriculum organization. Advocates the grounding of social studies in history and social sciences.

Muessig, Raymond H., ed. *Controversial Issues in the Social Studies: A Contemporary Perspective.* Forty-Fifth Yearbook. Washington, D.C.: National Council for the Social Studies, 1975. 308 pp. $8.75

MS Deals with the teaching of controversial issues in social studies. Explains ways of teaching about specific topics such as sex, death, environment.

National Council for the Social Studies. *Notable Children's Trade Books in the Field of Social Studies.* Washington, D.C.: the Council, 1973. 9 pp. 20 cents

KEM Annotated bibliography. Reprinted from *Social Education,* December 1973.

National Education Association. *Social Studies in the Intermediate Grades: An Annotated Bibliography.* Washington, D.C.: the Association, 1975. 82 pp. $2.50

EM Includes references to social studies curriculum areas, methods and materials, and values clarification in grades 4-8.

Oliver, Donald W., and Shaver, James P. *Teaching Public Issues in the High School.* 2nd ed. Logan: Utah State University Press, 1974. $4.50 (paper)

S Covers a particular approach to curriculum-making from the theoretical basis through objectives and curriculum implications.

Rosenberg, Charles E., ed. *The Family in History.* Philadelphia: University of Pennsylvania Press, 1975. $8.50

S Social importance of the family, viewed as a system of values and behavioral options, during six distinct historical periods and in particular cultures. Bibliography.

Roy, Mary M. *Spark.* Stevensville, Mich.: Educational Service, 1967. $5.25

E A handbook for elementary teachers of social studies.

Shaftel, Fannie R., and Shaftel, George. *Role-Playing for Social Values: Decision Making in the Social Studies.* Englewood Cliffs, N.J.: Prentice-Hall, 1967. 416 pp. $10.95

EMS Exploration of group behavior and the dilemmas of the individual child. Utilizes role-playing in the child's attempts to establish group identification.

Smith, James A. *Creative Thinking of the Social Studies in the Elementary School.* Boston: Allyn & Bacon, 1967. 281 pp. $5.95 (paper)

E Designed for both methods and curriculum courses. Stresses methods of teaching social studies best suited to the development of creativity.

Strobell, Adah Parker. *Bicentennial Games 'n Fun Handbook.* Washington, D.C.: Acropolis Books, 1975. $6.95 (paper)

EM Suggestions, directions and instructions for games, songs, dances, crafts, plays, readings, pageants, recipes, decorations and activities to bring early Americana alive.

Suttles, Patricia H., and Hartley, William H. *Educator's Guide to Free Social Studies Materials.* Randolph, Wis.: Educators Progress Service, 1975. $10.50 (paper)

KEMS Annotated list arranged by form of media and provides information on titles, sources, availability, and content. Indexed by title, subject, and source.

Tooze, Ruth, and Krone, Beatrice Perham. *Literature and Music as Resources for Social Studies.* Reprint of 1955 ed. Greenwood, Conn., 1974. $20

EMS Considers literature and music as enrichment materials in the social studies. Contains references to U.S. and foreign material. Descriptive and practical.

Wesley, Edgar B., and Wronski, Stanley P. *Teaching Social Studies in High Schools.* 6th ed. Boston: D. C. Heath, 1973. $7.95 (paper)

S Presents a number of specific suggestions for effective instruction in high school social studies classrooms, including an analysis of a social studies unit.

Williamson, Mary Ann. *303 Mini-Lessons for Social Studies.* Washington, D.C.: Acropolis Books, 1976. $6.95 (paper)

EM A new approach to social studies to teach basic skills in analyzing, classifying, differentiating, interpreting, and organizing.

Speech

Byrne, Margaret C. *The Child Speaks: A Speech Improvement Program for Kindergarten and First Grade.* New York: Harper & Row, 1965. 130 pp. $7.95 (paper)

KE A syllabus written for kindergarten and first grade for listening and for work with frequently defective sounds.

Carlson, Ruth Kearney. *Speaking Aids Through the Grades.* New York: Teachers College Press, 1975. $2.93

M Techniques, activities and sources for oral communication experiences.

Croscup, Richard. *Children and Dramatics.* New York: Scribner's, 1966. 271 pp. $3.95 (paper)

E Creative dramatics from point of view that process is more important than product. Discusses make-believe, dramatic fun and games, pantomine, improvisation, shadows and puppets, dance and music, original plays, with illustrations from author's experience.

Ecroyd, Donald H. *Speech in the Classroom.* 2nd ed. Englewood Cliffs, N.J.: Prentice-Hall, 1969. $8.95

EMS Planned to help develop speaking skills of teachers and to give insight into kinds of speech problems faced by elementary and secondary teachers.

Rasmussen, Carrie. *Speech Methods in the Elementary School.* Rev. ed. New York: Ronald Press, 1962. 340 pp. $7.50

E Includes methods and materials for teaching various aspects of speech. Particularly good in choral speaking area.

Summers, Harrison Boyd, *et al. How To Debate.* 3rd ed. Bronx, N.Y.: H. W. Wilson, 1963. 355 pp. $8

S Elements of debate theory presented in plain language; describes procedures used in debate.

Van Riper, Charles. *Speech Correction: Principles and Methods.* 5th ed. Englewood Cliffs, N.J.: Prentice-Hall, 1972. $11.95

EMS A practical text dealing with the diagnosis and treatment of communicative disorders in both children and adults.

Urban Education

Busch, Phyllis. *The Urban Environment.* New York: Doubleday, 1976. $6.95

KE A curriculum guide to conservation education as a part of school curriculum.

Eldredge, H. Wentworth, ed. *World Capitals: Toward Guided Urbanization.* New York: Anchor Press/Doubleday, 1975. $13.37

S City planning experts discuss the historical growth, planning successes and failures, current conditions and problems of prospective developments of nine national and two provincial capital cities around the world.

Far West Laboratory for Educational Research and Development. *Educational Programs That Work.* Prepared for the Office of Education, Division of Education for the Disadvantage. San Francisco: the Laboratory, 1976. 289 pp.

McLaughlin, Milbrey Wallin. *Evaluation and Reform: The Elementary and Secondary Education Act of 1965, Title I.* Santa Monica, Calif.: Rand Corp., 1974.

Noar, Gertrude. *Teaching the Disadvantaged.* Washington, D.C.: National Education Association, 1972. 75 cents

Discusses the characteristics and handicaps of disadvantaged students; describes teaching methods and the problems of each age group.

National Education Association. *Project 1975: Educational Neglect.* Washington, D.C.: the Association, 1975. 64 pp. $1.50.

Report and working papers of the 13th annual Conference on Civil and Human Rights in Education. Faces the issues of unsafe schools, ill-clothed, ill-housed, and ill-fed students with chronically unemployed parents living in blighted neighborhoods.

National School Public Relations Association. *Urban School Crisis: The Problem and Solutions Proposed by the HEW Urban Education Task Force.* Washington, D.C.: the Association, 1970. 63 pp. $4

Riessman, Frank. *The Inner-City Child.* New York: Harper & Row, 1976. 130 pp.

U.S. Department of Health, Education, and Welfare. *The Effectiveness of Compensatory Education: Summary and Review of the Evidence.* Washington, D.C.: the Department, 1972. 207 pp.

Weaver, Robert C. *Dilemmas of Urban America.* The Godkin Lectures. Cambridge, Mass.: Harvard University Press, 1965. $3.50

S An analysis of urban renewal.

Values (Moral) Education

Casteel, J. Doyle, and Stahl, Robert J. *Value Clarification in the Classroom: A Primer.* Pacific Palisades, Calif.: Goodyear, 1975. $7.95

MS Examines student behavior in personal and social activities.

Goldbecker, Sheralyn S. *Values Teaching.* Washington, D.C.: National Education Association, 1976. 75 cents

Discusses historical background and current trends; explores values clarification and cognitive development approaches; reviews major criticism.

Howard, Mary Kay, and Franks, Betty Barclay. *The Biological Revolution: Examining Values Through the Futures Perspective.* Washington, D.C.: National Education, 1976. $1.50

Provides a multidisciplinary teaching unit whereby students can examine the implications of the new biology.

Metcalf, Lawrence E., ed. *Values Education: Rationale, Strategies and Procedures.* Forty-First Yearbook. Washington, D.C.: National Council for the Social Studies, 1971. 208 pp.

EMS Describes methods for teaching value analysis and examines the strategies for resolving value conflicts.

Silver, Michael. *Values Education.* Washington, D.C.: National Education Association, 1976. $3 (paper)

EMS Offers a complete comparative study of classroom techniques; includes bibliographies.

Visual Literacy

Association for Childhood Education International. *Involvement Bulletin Boards.* Washington, D.C.: the Association, 1970. 64 pp. $2.25 (paper)

E The place of bulletin boards in learning experiences; construction of and relationship to curriculum. Brightly illustrated.

Diffor, John C., and Horkheimer, Mary F. *Educator's Guide to Free Films.* Rev. 35th ed. Randolph, Wis.: Educators Progress Service, 1975. $12.75 (paper)

KEMS Indexed by title, subject, source, and availability.

Diffor, John C., and Horkheimer, Mary F. *Educator's Guide to Free Filmstrips.* Rev. 26th ed. Randolph, Wis.: Educators Progress Service, 1975. $9.25 (paper)

KEMS Title, subject, and source as well as Canadian availability indexes are included.

Dreyfuss, Henry. *Symbols Sourcebook.* New York: McGraw-Hill, 1972. $32.50

S An authoritative guide to international graphic symbols.

Eastman Kodak Company. *The Elephants of Visual Literacy.* Rochester, N.Y.: the Company, 1971. 12 pp. 35 cents

EMS A supplement to the Kodak periodical, *Visuals Are a Language.*

Fransecky, Roger B., and Debes, John L. *Visual Literacy—A Way To Learn—A Way To Teach.* Washington, D.C.: Association for Educational Communications and Technology, 1972. 32 pp. $3 (paper)

EMS Techniques for reaching children and involving them in learning through visual literacy.

George Peabody College for Teachers. *Free and Inexpensive Learning Materials.* 17th ed. Nashville, Tenn.: the College, 1974. 244 pp. $3.50

EMS A selected, annotated, and evaluated listing of pamphlets, posters, pictures, charts, and maps for school use.

Griffith, Richard, and Mayer, Arthur. *The Movies.* Rev. ed. New York: Simon and Schuster, 1970. $19.95

EMS Excellent pictorial history of cinema in the United States.

Guide to Government Loan Film (16mm). The Third Edition, 1974-1975. Alexandria, Va.: Serina Press, 1975. 185 pp. $9.95

EMS Brief synopses of more than 900 films, 600 filmstrips and slides available on a free loan basis from 48 federal agencies together with a list of sources for obtaining the films.

Hill, Donna. *The Picture File.* Syracuse, N.Y.: Gaylord Bros., 1976. $4.95 (paper)

EMS Practical manual for developing a picture file; selection and processing, circulation and maintenance of the picture collection.

Kauffmann, Stanley. *Living Images.* New York: Harper & Row, 1975. $8.68

S Film comment and criticism of films released between 1970 and 1974.

Kuhns, William, and Stanley, Robert. *Exploring the Film.* New York: Cebco Pflaum, 1969. $5.25

*S An illustrated teaching text for secondary schools; includes student filmmaking.

Lacy, Richard A. *Seeing with Feeling: Film in the Classroom.* Philadelphia: Saunders, 1972. $3.25 (paper)

EMS Outstanding illustrations, useful for affective experience on viewing films.

Laurain, Lucy I. *Display.* Stevensville, Mich.: Educational Service, 1975.

KEM A handbook of elementary classroom ideas to motivate the creation of bulletin boards.

Linder, Carl. *Filmmaking: A Practical Guide.* Englewood Cliffs, N.J.: Prentice-Hall, 1976. $6.67

MS Illustrates the basics of camera technique, lighting, editing, script writing; special effects for making documentary, fictional narrative and expressionistic films with a minimum of equipment. Glossary.

Platt, Joan M. *Visual Literacy.* Washington, D.C.: National Education Association, 1975. 75 cents.

Defines terms, surveys the history of visual communication, and examines the process of "reading" pictures, symbols, and other graphic representations.

Rice, Susan. *Films Kids Like.* Chicago: American Library Association, 1973. $5.50 (paper)

EMS A selected and annotated list of approximately 225 short films, illustrated with stills from the films and reproductions of the young viewer's own artistic responses to their film experiences.

Schillaci, Anthony, and Culkin, John M. *Films Deliver.* New York: Citation Press, 1970. $5.95

EMS Written mostly by teachers to who how to teach creatively with film and television. Bibliographies for film study, periodicals, organizations.

Schillaci, Anthony and Culkin, John M. *Teaching Creatively with Films.* New York: Scholastic Book Services, 1971. $5.25 (paper)

MS Effective use of films in the classroom. Extensive bibliography.

Sklar, Robert. *Movie-made America.* New York: Random House, 1975. $8.68

S A social history of American movies.

Williams, Catharine M. *Learning From Pictures.* 2nd ed. Washington, D.C.: Association for Educational Communications and Technology, 1968. $5.95 (paper)

KEMS A guide and source book. Presents information on choosing and using pictures, pictures for subject matter areas, and school-produced materials. Lists 138 producers and distributors of picture materials.

Wittich, Walter A., and Suttles, Raymond H. *Educator's Guide to Free Tapes, Scripts and Transcriptions.* Randolph, Wis.: Educators Progress Service, 1975. $9.50 (paper)

EMS Fifteen general areas from aerospace to social studies are represented. Indexed by title, subject, source, and availability.

Zoology

Alexander, Gordon. *General Zoology.* 5th ed. New York: Barnes & Noble Books, 1964. $2.50 (paper)

S A comprehensive survey of the animal kingdom; used as a convenient guide.

Borror, Donald J., and Delong, Dwight M. *An Introduction to the Study of Insects.* 3rd ed. New York: Holt, Rinehart and Winston, 1971. $18.95

S General information on morphology, reproduction and development, and metamorphosis, followed by separate sections devoted to each order. Contains a section devoted to arthropoda other than insects. Instruction on collecting and preserving insects and insect study projects. A valuable reference for teachers and high school students.

Buchsbaum, Ralph. *Animals Without Backbones.* 2nd ed. Chicago: University of Chicago Press, 1972. $5.95 (paper)

EMS Written for high school students and college freshmen, but profitable for younger children and nonspecialist adults as well.

Colbert, Edwin H. *The Age of the Reptiles.* New York: Norton, 1966. 228 pp. $3.25 (paper)

S A history of tetrapod life during the Mesozoic, written for nonspecialist readers. Traces development of the four great classes of vertebrates from the late Paleozoic to the end of the Cretaceous, when many forms became extinct. Also describes

geographical and ecological setting of lands and seas where these animals lived and died.

Hickman, Cleveland P. *Biology of the Invertebrates.* 2nd ed. St. Louis: C. V. Mosby, 1973. $14.50

S Discusses invertebrate material in greater depth and detail than is found in the beginning high school or college text. Utilizes adaptation as the chief orienting factor in discussing different invertebrate groups in relation to their respective and varied ecological niches.

PROFESSIONAL PERIODICALS AND OTHER PERIODICAL RESOURCES

Adolescence. Libra Publishers, Inc., P.O. Box 165, 391 Willets Rd., Roslyn Heights, N.Y. 11577. $10. (Quarterly)

MS An international quarterly devoted to the physiological, psychological, psychiatric, sociological and educational aspects of the second decade of human life; contains a book review section.

Adult Education. Adult Education Association of the United States of America, 810 Eighteenth Street, N.W., Washington, D.C. 20006. $11. (Quarterly)

S Emphasizes research, philosophy and interpretive reviews of the literature; publishes critiques of articles, and provides a continuing forum on the profession and book reviews.

Agricultural Education. Agricultural Education Magazine, Inc., RD 2, P.O. Box 639, Halifax, Pa. 17032. $5. (Monthly, July-June)

S The professional journal of agricultural education. A must for every vocational agriculture teacher.

The American Biology Teacher. National Association of Biology Teachers, 11250 Roger Bacon Dr., Reston, Va. 22090. $18. (Monthly, Jan.-May, Sept.-Dec.)

S Designed especially to meet the needs of the high school biology teacher. Presents background information articles as well as effective teaching techniques. Keeps the teacher informed of latest knowledge and technological developments.

American Education. Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. $13.50. (10 times a year)

EMS Overview for the concerned citizen as well as for professional educators of significant events and projects affecting U.S. schools.

The American Political Science Review. 1527 New Hampshire Ave., N.W., Washington, D.C. 20036. $35. (Quarterly)

S A wide variety of scholarly articles and book reviews in the areas of political theory, American government and politics, comparative government and politics, and international relations.

American Scholar. United Chapters of Phi Beta Kappa, 1811 Q St., N.W., Washington, D.C. 20009. $8. (Quarterly)

S Articles concerning current national affairs and the cultural scene; also social sciences, arts, and humanities; poetry, book reviews.

American School Board Journal. National School Board Assoc., 800 State National Bank Plaza, Evanston, Ill. 60201. $22. (Monthly)

MS Articles concerning administration and supervision of schools. Washington Report; Service for Readers; extensive book review section.

The American Vocational Journal. AV Journal Subscription Desk, 1510 H St., N.W., Washington, D.C. 20005. $8. (9 times a year, Sept.-May)

S Deals with all occupational categories of vocational education. Articles authored by outstanding professional authorities.

Américás. Organization of American States, Dept. of Information and Public Affairs, Washington, D.C. 20006. $6. (Monthly)

Articles on the cultures of the Western Hemisphere; book reviews.

The Arithmetic Teacher. National Council of Teachers of Mathematics, 1906 Association Dr., Reston, Va. 22091. $13. (8 times a year, Oct.-May)

EM Articles cover the nature of arthmetic: techniques of teaching, curriculum problems, experimental studies, current trends, and other topics. Special sections summarizing reserach and reviewing books and materials.

Art Education. National Art Education Association, 1920 Association Dr., Reston, Va. 22091. $15. (8 times a year, Sept.-April)

EMS The official journal of the National Art Education Association. Offers articles on art and the techniques of teaching for teachers of art at all levels. Reviews books and films and reports on items of general interest in the field of art and education.

Arts and Activities. Publishers' Development Corp., 8150 N. Central Park Ave., Skokie, Ill. 60076. $9. (Monthly, Sept.-June)

EMS A professional magazine of creative arts and activities for the classroom teacher. Provides the advice and guidance of the nation's top art educators in modern methods of using creative art activities in the classroom.

AV Communication Review. Association for Educational Communications and Technology, 1201 16th St., N.W., Washington, D.C. 20036. $19.50. (Quarterly)

EMS Deals with research in communication science and technology. Scholarly book reviews and abstracts.

Audiovisual Instruction. Association for Educational Communications and Technology, 1201 16th St., N.W., Washington, D.C. 20036. $18. (10 times a year, Sept.-June)

EMS Frequently devotes issues to a single topic, such as programed instruction, educational television, planning schools for new media, or instructional materials for the culturally disadvantaged.

Aztlan. Chicano Studies Center, Campbell Hall, UCLA, Los Angeles, Calif. 90024. (Quarterly)

BESL Reporter. Published by the Bilingual/ESL Language Center of Lancaster-Lebanon Intermediate Unit 13, BESL Center, 100 Franklin St., New Holland, Pa. 17557. Free. (Quarterly)

Newsletter gives classroom teacher practical ideas for teaching non-English speaking students in grades K-12.

Bulletin of the National Association of Secondary School Principals. National Association of Secondary School Principals, 1904 Association Dr., Reston, Va. 22091. $30. (9 times a year, Sept.-May)

MS Articles on the conduct of secondary education, with special emphasis on curriculum and administration.

Career Education News. Bobit Publishing, 1155 Waukegan Rd., Glenville, Ill. 60025. $35. (Published on the 1st and 15th of every month, Sept.-June, and on the 15th of July and Aug.)

EMS A central "News Service" for the world of work and learning.

Child Development. Child Development Publications, University of Chicago Press, 5801 Ellis Ave., Chicago, Ill. 60637. (Quarterly, March, June, Sept., Dec.)

KEMS Publishes original research articles on all phases of child development.

Childhood Education. Association for Childhood Education International, 3615 Wisconsin Ave., N.W., Washington, D.C. 20016. $18. (6 times a year)

KEM For those concerned with children from infancy through early adolescence. Excellent book reviews for children, books for adults, films, idea sparkers.

The Clearing House. Helen Dwight Reid Educational Foundation, 4000 Albemarle St., N.W., Washington, D.C. 20016. $8.50. (Monthly, Sept.-May)

MS A journal for modern middle and senior high school faculties. Reports specific experiments, units teaching methods, administrative procedures, and school activities.

College English. National Council of Teachers of English, 1111 Kenyon Rd., Urbana, Ill. 61801. $15. (Monthly, Sept.-April)

S Provides background on issues in school-college articulation and information on new scholarship in language and literature. Occasional issues focus on particular topics.

Communication Education. Speech Communication Assoc., 5205 Leesburg Pike, Falls Church, Va. 22041. $20. (Quarterly)

EMS Planned especially for teachers of speech. Gives practical suggestions on teaching methods and on conducting extracurricular activities. Reviews of books, periodicals, and audiovisual aids.

Compact. Education Commission of the States, 1860 Lincoln St., Denver, Colo. 80203. $6. (Bimonthly)

EMS Presents a variety of views on important issues in education, with special attention to state-related developments.

Consumer Educator. National Association of Secondary School Principals and Council of Better Business Bureaus Inc., 1904 Association Dr., Reston, Va. 22091. Free. (Monthly, Sept.-June)

Current History. Current History, Inc., 4225 Main St., Philadelphia, Pa. 19127. $13.50. (Monthly; bimonthly, May/June and July/Aug.)

S Articles by experts on current topics on world affairs.

Current Index to Journals in Education. Macmillan Information, a Division of Macmillan Publishing Co., Inc., 216R Brown St., Riverside, N.J. 08075. $56. (Monthly)

EMS Detailed indexing for articles in over 700 education and related journals; indexed by subject, author, journal contents, and main entry; concise annotations.

The Delta Kappa Gamma Bulletin. The Delta Kappa Gamma Society International, 416 W. 12th St., P.O. Box 1589, Austin, Tex. 78767. $3. (4 times a year)

EMS A positive, uplifting approach to teaching; articles written by educators. Poetry and book reviews.

Early Years. Circulation Service Center, P.O. Box 1069, Skokie, Ill. 60076. $8. (9 times a year, Sept.-May)

KE A magazine for early-education teachers. Includes practical articles; teaching ideas; materials-testing service; professional book reviews.

Education. 1402 West Capitol Dr., Milwaukee, Wis. 53206. $7.50. (Quarterly)

EMS Informative articles on important areas of the curriculum and significant aspects of education.

Education and Training of the Mentally Retarded. Council for Exceptional Children, Division on Mental Retardation, 1920 Association Dr., Reston, Va. 22091. $12.50. (4 times a year)

EMS Contains articles on educational materials, research implications, classroom techniques, teacher education, and newsnotes from the U.S. Office of Education, in addition to research and program reports concerning the mentally retarded.

The Education Digest. Prakken Publications, Inc., Box 623, 416 Longshore Dr., Ann Arbor, Mich. 48107. $8. (Monthly, Sept.-May)

EMS Condensed articles of outstanding value from educational magazines.

Education Index. H. W. Wilson Company, 950 University Ave., Bronx, N.Y., 10452. $107. (Monthly, Sept.-May, with quarterly paper cumulations and permanent bound annual cumulations)

EMS A comprehensive guide to the best of current professional literature. Indexes more than 220 periodicals as well as yearbooks, proceedings, and monographs.

Education U.S.A. National School Public Relations Assoc., NEA, 1201 16th St., N.W., Washington, D.C. 20036. $37. (Weekly, Sept.-May; monthly, June and July)

EMS A compact weekly which reports latest developments in education across the nation; alerts readers to important new reports on education and to significant coverage of education through press, radio, TV, national magazines. Gives up-to-the-minute news of educational developments in the U.S. Office of Education and other departments of the federal government.

The Educational Forum. Kappa Delta Pi, Box A, West Lafayette, Ind. 47906. $7. (Quarterly)

Scholarly articles concerning trends and issues in education; book reviews.

Educational Horizons. Pi Lambda Theta, 2000 East 8th St., Bloomington, Ind. 47401. $5. (Quarterly)

EMS Official publication of Pi Lambda Theta. Academic articles in all areas of education, stressing humanities and awareness of the future.

Educational Leadership. Association for Supervision and Curriculum Development, Suite 1100, 1701 K St., N.W., Washington, D.C. 20006. $10. (Monthly, Oct.-May)

EMS Primarily an expression of competent opinion by leaders in their areas of specialization.

Educational Technology. Educational Technology Publications, 140 Sylvan Ave., Englewood Cliffs, N.J. 07632. $25. (Monthly)

EMS A leading authoritative source of information on current developments throughout the broad field of educational technology.

Elementary English. National Council of Teachers of English, 1111 Kenyon Rd., Urbana, Ill. 61801. $12. (Monthly, Sept.-Nov., Jan.-May)

EM Articles on all phases of language arts; book reviews.

Elementary School Guidance and Counseling. American Personnel and Guidance Assoc., 1607 New Hampshire Ave., N.W., Washington, D.C. 20009. $8. (4 times a year, Oct., Dec., March, May)

E Feature articles, book reviews, and professional news related to elementary guidance.

The Elementary School Journal. University of Chicago Press, 5801 Ellis Ave., Chicago, Ill. 60637. $10. (Monthly, Oct.-May)

EM Professional articles concerning curriculum behavior, teaching methods, and research in the field of elementary education.

English Journal. National Council of Teachers of English, 1111 Kenyon Rd., Urbana, Ill. 61801. $15. (9 times a year, Jan.-May, Sept.-Dec.)

S Scholarly and practical articles on the content and teaching of English. Regular departments covering new texts, professional books and other teaching materials.

Epiegram. Educational Products Information Exchange Institute, 463 West St., New York, N.Y. 10014. $24. (Twice monthly, Oct.-June; 18 issues a year)

EMS Gives unbiased evaluations on instructional materials and hardward.

Exceptional Children. Council for Exceptional Children, 1920 Association Dr., Reston, Va. 22091. $20. (8 times a year, Sept.-Nov., Jan.-May)

EMS Includes reports on research studies on and programs for exceptional children. Also includes book reviews, author's comments, an annotated listing of books of interest to readers, and columns reporting on progress at the ERIC Clearinghouse.

Family Health. Portland Place, Boulder, Colo. 80302. $5.97. (Monthly)

EMS Covers topics in medicine, dentistry, child health, nutrition, travel, recreation, and other areas of interest to teachers and parents.

Film News. 250 West 57th St., New York, N.Y. 10019. $6. (Bimonthly)

EMS Contains film reviews of short and 16 mm films. Announces festivals and film events; for users of films, filmstrips, ETV, and audio-visual equipment.

The French Review. American Association of Teachers of French. 57 E. Armory, Champaign, Ill. 61820. $15. (6 times a year)

EMS A journal for teachers. Includes articles on methodology, language, literature, and reviews of professional books and literary works in French.

The Futurist. World Future Society, 4196 St. Elmo St., Washington, D.C. 20014. $12. (Bimonthly)

EMS Investigates the future and promotes development of methods for study.

Gifted Child Quarterly. National Association for Gifted Children, 217 Gregory Dr., Hot Springs, Ark. 71901. $20. (Quarterly)

EMS Valuable resource in working with the gifted.

Harvard Educational Review. Longfellow Hall, 13 Appian Way, Cambridge, Mass. 02138. $14. (Quarterly)

EMS Extensive articles in education and other related fields.

The High School Journal. University of North Carolina Press, P.O. Box 2288, Chapel Hill, N.C. 27514. $7. (8 times a year, Oct.-May)

S Features secondary education research articles, book reviews, and teaching strategies.

Hispania. American Association of Teachers of Spanish and Portuguese. Holy Cross College, Worcester, Mass. 01610. $10. (5 times a year)

S Contains articles on pedagogy and literature, reviews of professional books and literary works in Spanish and Portuguese. Also provides information on instructional media.

The Horn Book Magazine. Horn Book, Inc., 585 Boylston St., Boston, Mass. 02116. $10.50. (Bimonthly)

E Devoted to reviews of literature for children and young adolescents. Shows concern for literature which is "inspired" rather than merely "useful."

Illinois Teacher of Home Economics. 351 Education Bldg., University of Illinois, Urbana, Ill. 61801. $7.50. (5 times a year)

EMS Quality articles on child development, textiles, food and nutrition, family life, career and vocational education, housing and interior design, human relations, teaching aids, and teaching techniques. References, bibliographies and illustrations included.

Indian Historian. 1451 Masonic Ave., San Francisco, Calif. 94117. $6. (Quarterly)

Industrial Education. 262 Mason St., Greenwich, Conn. 06830. $9. (Monthly, except July-Aug., May-June)

EMS Reviews current legislation and advertises new products. Presents new ideas for the upgrading of school shop programs.

Inequality in Education. Center for Law and Education, Harvard University, Larsen Hall, 14 Appian Way, Cambridge, Mass. 02138. $6. (Quarterly)

Treats problems of educating children from poor urban backgrounds; book reviews, review of legislation.

Instructor. P.O. Box 6099, Duluth, Minn. 55806. $10. (9 times a year; bimonthly, May/June, Aug./Sept.)

KE Excellent for teaching ideas and techniques, art and crafts projects, stories, poems, songs, and plays. Reviews instructional media; TV news.

Intellect. Society for the Advancement of Education, 1860 Broadway, New York, N.Y. 10023. $16.50. (Monthly; bimonthly, May, July, Sept.)

S Articles on national and international affairs, education, arts, and humanities; recent publications.

Journal of American Indian Education. Center for Indian Education, Arizona State University, Tempe, Ariz. 85281. $3.50. (Jan., May., Oct.)

Deals with Indian education as well as other areas of Indian affairs; book reviews.

Journal of Black Studies. Department of Black Studies, State University of New York, Buffalo, N.Y. 14226. $10. (Quarterly)

International scholarly journal dealing with all aspects of life for people of African descent.

Journal of Business Education. Helen Dwight Reid Educational Foundation, 4000 Albermarle St., N.W., Suite 302, Washington, D.C. 20016. $10. (Monthly, Oct.-May)

S Features articles in bookkeeping and accounting, curriculum, stenography and typewriting, general business and research. Deals with new classroom media and research for the classroom teacher.

Journal of Chemical Education. 119 W. 24th St., New York, N.Y. 10011. $9. (Monthly)

S Contains articles of current interest in chemistry, methods of presentation, announcements of new books, equipment, films, etc. Special articles on demonstrations and science projects in each issue.

Journal of Educational Psychology. American Psychological Association, Inc., 1200 17th St., N.W., Washington, D.C. 20036. $30. (Bimonthly, Feb., April, June, Aug., Oct., Dec.)

EMS Publishes original investigations and theoretical papers dealing with learning and cognition, especially as the relate to problems of instruction.

Journal of Educational Research. Helen Dwight Reid Educational Foundation, 4000 Albemarle St., N.W., Washington, D.C. 20016. $15. (10 times a year; bimonthly, May, July)

EMS Features the latest research in education. Emphasis on individual differences, tests and measurements, guidance and counseling, supervision, teacher education, and research in curriculum areas.

Journal of Environmental Education. Box 1605, 2101 Sherman Ave., Madison, Wis. 53701. $10. (Quarterly)

Journal of Geography. National Council for Geographic Education, 115 N. Marion St., Oak Park, Ill. 60301. $20. (Monthly, Jan.-May, Sept.-Dec.)

EMS For those concerned with geographic education at any level, from the elementary grades through high school and college. Contains substantive, philosophical, and methodological articles as well as book and film reviews.

Journal of Home Economics. American Home Economics Association, 2010 Massachusetts Ave., N.W., Washington, D.C. 20036. $13. (5 times a year, Jan., March, May, Sept., Nov.)

EMS Articles concerned with current trends, research studies, abstracts, new books, and department activities.

Journal of Learning Disabilities. Professional Press, Inc., 101 E. Ontario St., Chicago, Ill. 60611. $12. (Monthly; bimonthly, June/July, Aug./Sept.)

EMS Practical articles, critical reviews, and commentary on new clinical developments, research; national and international news concerning the learning disabilities field, meeting announcements and reports, federal news, objective book reviews, lists of new publications, letters to the editor, editorials, investigative reports, and other topical material.

The Journal of Negro Education. Howard University, Washington, D.C. 20059. $7.50. (Quarterly)

EMS Source of information about the status of school desegregation in the United States. Also articles on the various educational problems associated with school desegregation.

Journal of Physical Education. National Physical Education Society, YMCA, 936 St. Charles Ave., New Orleans, La. 70130. $6. (Bimonthly, Sept., Nov., Jan., March, May, July)

EMS Features physical education programs, research, and professional articles.

Journal of Physical Education and Recreation. American Alliance for Health, Physical Education, and Recreation, 1201 16th St., N.W., Washington, D.C. 20036. $25. (monthly; bimonthly, July/Aug., Nov./Dec.)

EMS Articles on physical education programs, teaching strategies, health, outdoor education, and safety. News of coming events, book reviews, and research.

Journal of Reading. International Reading Association, 800 Barksdale Rd., Newark, Del. 19711. $15. (8 times a year, Oct.-May)

MS Includes articles and features of interest about all aspects of reading. Lists ERIC resources.

Journal of Research and Development in Education. G-3, Aderhold Building, University of Georgia, Athens, Ga. 30602. $10. (4 times a year)

EMS Scholarly research articles; each issue a relevant theme for educators.

Journal of Research in Music Education. Music Educators National Conference, 1902 Association Dr., Reston, Va. 22091. $8. (Quarterly)

S Scholarly publication of research studies in music education.

Journal of Research in Science Teaching. John Wiley & Sons, Inc., 605 3rd Ave., New York, N.Y. 10016. $30. (Bimonthly)

S Reports research in science education by scientists and science educators. Of interest to curriculum development personnel as well as to college teachers of science education and scientists interested in the problems of science education.

The Journal of School Health. American School Health Association, 7263 State Route 43, Kent, Ohio 44240. (Monthly, Jan.-June, Sept.-Dec.)

EMS Published for professionals in school health with special appeal for school administrators, teachers, and health agency personnel.

Journal of School Psychology. Behavioral Publications, Inc., 72 Fifth Ave., New York, N.Y. 10011. $30. (Quarterly)

KEMS Publishes articles on research, opinions, and practice in school psychology.

The Journal of Special Education. 111 Fifth Ave., New York, N.Y. 10003. $18.50. (Quarterly)

KEMS Articles of research, theory, opinion, and review concerning special education.

The Journal of Teacher Education. American Association of Colleges for Teacher Education, 1 Dupont Circle, Washington, D.C. 20036. $10. (Quarterly)

EMS The only national journal devoted exclusively to teacher education. Articles cover current issues and problems, with an occasional symposium on timely subjects. Special departments, including research and book reviews.

K-3 Bulletin of Teaching Ideas and Materials. Parker Publishing Co., Inc., Route 59A, Brookhill Dr., West Nyack, N.Y. 10994. $18. (Monthly, Sept.-June)

KE Ideas and activities for teaching the preschool child.

Language Arts. National Council of Teachers of English, 1111 Kenyon Rd., Urbana, Ill. 61801. $15. (8 issues a year, Jan.-May, Sept.-Nov.)

EM Articles cover spectrum of content and skills in elementary English language arts. Includes review of children's literature and professional books.

Learning. Education Today Company, Inc., 530 University Ave., Palo Alto, Calif. 94301. $12. (9 times a year, Sept.-May)

KEM Though-provoking articles on everything from classroom management, professional growth, and affective education to math and science, language arts, social studies, art, and media. New concepts, "teacher-developed" and "teacher-tested."

Man/Society/Technology. National Education Association, 1201 16th St., N.W., Washington, D.C. 20036. $9. (6 times a year)

S Contains a commentary on 16mm films dealing with industrial arts.

Marriage and the Family. National Council on Family Relations, 1219 University Ave., Southeast, Minneapolis, Minn. 55414. $20. (Quarterly)

S For all those who are professionally concerned with marriage and the family. Offers a broad coverage of the latest theories, research, and practice reports relating to family development.

The Mathematics Teacher. National Council of Teachers of Mathematics, 1906 Association Dr., Reston, Va. 22091. $13. (8 times a year, Oct.-May)

S Articles devoted to the nature of mathematics, techniques of teaching, current trends, experimental studies, resource materials, and other topics. Special sections summarizing research and reviewing books and materials.

Media and Methods. Media and Methods Institute, Inc., North American Bldg., 401 N. Broad St., Philadelphia, Pa. 19108. $9. (9 times a year, Sept.-May)

S Indispensable for English teachers who want to use new approaches and techniques. Presents analyses of films for discussion, study guides, and paperbacks.

Media Mix. 221 W. Madison St., Chicago, Ill. 60606. $9. (8 times a year)

EMS Evaluates the best new films, filmstrips, records, tapes, books, publications, and games plus new media and learning experiences.

The Modern Language Journal. Modern Language Journal, 13149 Cannes Dr., St. Louis, Mo. 63141. $7. (6 times a year, Jan., March, April, Sept., Nov., Dec.)

EMS A journal for all modern foreign language teachers. Contains articles of pedagogical, linguistic, and literary interest on all aspects and levels of language teaching.

Music Educators Journal. Music Educators National Conference, Center for Educational Associations, 1902 Association Dr., Reston, Va. 22091. $4. (9 times a year, Sept.-May)

EMS Official magazine of the Music Educators National Conference; articles for teaching music related to curriculum; book reviews; professional materials; instruments and equipment.

Music Journal. Sar-Les Music, Inc., 370 Lexington Ave., New York, N.Y. 10017. $11. (10 times a year)

EMS Articles covering a wide range in the area of music. Record and reel, journal reviews, news of festivals, workshops, and events.

The National Elementary Principal. National Association of Elementary School Principals, 1801 North Moore St., Arlington, Va. 22209. $35. (6 times a year, Sept./Oct., Nov./Dec., Jan./Feb., March/April, May/June, July/Aug.)

E Feature articles on elementary administration, supervision, and curriculum areas.

The National Future Farmer. The National Future Farmer, P.O. Box 15130, Alexandria, Va., 22309. $1. (Bimonthly)

S The national FFA magazine. Provides news stories and feature articles concerning students of vocational agriculture. Written at student level. Especially useful as an inspirational and motivational tool for vocational agricultural teachers.

National Geographic. 17th and M Sts., N.W., Washington, D.C. 20036. $11. (Monthly)

Narratives on geography and allied sciences—travel, exploration, and research from the sea depths to the stars.

National Geographic World. 17th and M Sts., N.W., Washington, D.C. 20036. $4.85. (Monthly)

MS Articles about the world, its peoples, flora, and fauna.

Nation's Schools. 230 W. Monroe St., Chicago, Ill. 60606. $25. (Monthly)

EMS Case histories dealing with administration, finance, personnel, and curriculum for administrators.

Natural History. The American Museum of Natural History, Central Park West at 79th St., New York, N.Y. 10024. $10. (Monthly, Oct.-May; bimonthly, June-Sept.)

EMS Popular magazine of natural history with good illustrations and general articles in the biological sciences, earth sciences, astronomy, archaeology, and anthropology written by specialists for the layman. Book reviews.

Negro History Bulletin. Association for the Study of Afro-American Life and History, 1401 14th St., N.W., Washington, D.C. 20005. $8. (Monthly, Oct.-May)

EMS Biographical studies, relevant articles, reviews. Bulletin useful in classroom for background material for black studies.

Occupational Outlook Quarterly. Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. $4.30. (Quarterly)

EMS Designed to provide current information on employment trends and outlook, based on Bureau of Labor Statistics research, for counselors and other education personnel.

Parent's Magazine. 52 Vanderbilt Ave., New York, N.Y. 10017. $5.95. (Monthly)

Articles on all phases of child-rearing.

Parks and Recreation. National Recreation and Park Association, 1601 N. Kent St., Arlington, Va. 22209. $10. (Monthly)

EMS The official publication of the National Recreation and Parks Association. Of interest to teachers, recreation leaders, Girl Scout and Boy Scout leaders, and volunteer recreation and playground personnel.

Peabody Journal of Education. George Peabody College for Teachers, 21st Ave., Nashville, Tenn. 37203. $11. (4 times a year, Oct., Jan., April, July)

EMS Designed to foster the professional development and enrichment of teachers, administrators, and other leaders in education.

The Personnel and Guidance Journal. American Personnel and Guidance Assoc., 1607 New Hampshire Ave., N.W., Washington, D.C. 20009. $20. (Monthly, Sept.-June)

EMS The official publication of APGA. Articles deal with practices in personnel and guidance work, current problems in the field, trends in training personnel and guidance workers, and theory and research. Also includes book reviews, letters and comments, test reviews, and news of association activities.

Phi Delta Kappan. Phi Delta Kappan, 8th St. and Union Ave., P.O. Box 789, Bloomington, Ind. 47401. $10. (Monthly, Sept.-June)

EMS Presents controversial issues in education. Promotes leadership and research.

Physics Teacher. AAPT Graduate Physics Bldg., SUNY, Stony Brook, N.Y. 11794. $18. (9 times a year, Jan., May, Sept.-Dec.)

EMS Professional articles; teaching techniques; events of interest to physics teachers.

Previews. R. R. Bowker Co., 1180 Ave. of the Americas, New York, N.Y. 10036. $7.50. (Monthly, Sept.-May)

EMS Nonprint software and hardware news and reviews.

Psychology in the Schools. 4 Conant Sq., Brandon, Vt. 05733. $25. (Quarterly, Jan., April, July, Oct.)

KEMS Monograph supplements included; articles directed to the teacher, the counselor, administrator, and other personnel workers in schools and colleges, public and private organizations; test book reviews.

Psychology Today. CRM, Inc., Del Mar, Calif. 92014. $12. (Monthly)

Ranger Rick's Nature Magazine. 1412 16th St., N.W., Washington, D.C. 20036. $7. (Monthly except June, Sept.)

Reading Research Quarterly. International Reading Association, 800 Barksdale Rd., Newark, Del. 19711. $15. (4 times a year)

EMS A journal devoted to experimental research and theoretical speculation in reading and related areas. Useful to the scholar or teacher who has a deep interest in reading.

The Reading Teacher. International Reading Association, 800 Barksdale Rd., Newark, Del. 19711. $15. (8 times a year, Oct.-May)

EMS Contains articles of interest to teachers of reading, both scholarly and practical in nature. Regular features on research, book reviews, magazine reviews, and literature for children.

Resources in Education (ERIC). U.S. Department of Health, Education and Welfare. Available from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. $42.70. (Monthly)

EMS Abstract journal published by the Educational Resources Information Center (ERIC) to make possible the early identification and acquisition of reports of interest in education.

Review of Educational Research. 1126 16th St., N.W., Washington, D.C. 20036. $12. (Quarterly)

Critical reviews of research literature.

School Arts. School Arts, 50 Portland St., Worcester, Mass. 01608. $9. (10 times a year, Sept.-June)

EMS Standard reference and instruction magazine for art teachers at all school levels. Illustrates and describes creative art, drawing, and handwork. Treats drawing, design, posters, cut paper, illustration, projected plays, and puppets.

The School Counselor. American Personnel and Guidance Assoc., 1607 New Hampshire Ave., N.W., Washington, D.C. 20009. $10. (5 times a year, Sept., Nov., Jan., March, May)

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School Library Journal. P.O. Box 67, Whitinsville, Mass. 01588. $13. (Monthly, Sept.-May)

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School Product News. P.O. Box 5746-U, Cleveland, Ohio 44101. $18. (Monthly)

EMS Free subscriptions to *School Product News* are limited to school and college executives and administrators.

School Review. University of Chicago Press, 5801 S. Ellis Ave., Chicago, Ill. 60637. $16. (Quarterly, Nov., Feb., May, Aug.)

EMS Deals mainly with philosophy, policies, and theories concerning education.

School Science and Mathematics. School Science and Mathematics Assoc., P.O. Box 1614, India.ia University of Pennsylvania, Indiana, Pa. 15701. $10. (Monthly, Oct.-May)

EMS Largely devoted to the teaching of science, but also contains articles of interest in the areas of elementary and secondary mathematics.

School Shop. Prakken Publications, Inc., P.O. Box 623, 416 Long Shore Dr., Ann Arbor, Mich. 48107. $10. (Monthly, Sept.-June)

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Science. American Association for the Advancement of Science, 1515 Massachusetts Ave., N.W., Washington, D.C. 20005. $50. (Weekly except year-end issue)

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Science and Children. National Science Teachers Assoc., 1742 Connecticut Ave., N.W., Washington, D.C. 20009. $14. (8 times a year, Sept.-Nov., Jan.-May)

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Scientific American. P.O. Box 5919, New York, N.Y. 10017. $15. (Monthly)

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Sky and Telescope. Sky Publishing Corp., 49-50-51 Bay State Road, Cambridge, Mass. 02138. $10. (Monthly)

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Skylights. Middle Tennessee State University, Murfreesboro, Tenn. 37132. $2. (Monthly, Sept.-May)

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Smithsonian. Smithsonian Institution Membership Service, P.O. Box 8800, Greenwich, Conn. 06830. $10. (Monthly)

S Beautifully illustrated; scholarly articles in areas of science, arts, and humanities.

Social Education. National Council for the Social Studies, 1515 Wilson Blvd., Arlington, Va. 22209. $15. (7 times a year, Oct.-Nov., Jan.-May)

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Studies in Philosophy and Education. Southern Illinois University, Edwardsville, Ill. 62025. $8. (Issued irregularly)

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UNESCO Courier. UNESCO Publications Center, Box 433, New York, N.Y. 10016. $6.75. (Bimonthly except Aug./Sept.)

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Concerned with issues of education in the city; book reviews.

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EMS Contains articles on various aspects of vocational counseling in school, government, business, and industry. Presents information on career selection and outlook in relation to a changing society.

Weather Wise. American Meteorological Society, 45 Beacon St., Boston, Mass. 02108. $5. (Bimonthly)

S News magazine that contains articles on the atmospheric sciences and education. Also weather maps and charts.

What's New in Home Economics? 401 N. Broad St., Philadelphia, Pa. 19108. $18. (Monthly, May, Sept., Oct., Dec.; semimonthly, Jan., Feb., March, April, Nov.)

S A magazine for home economics teachers and other qualified home economists.

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950 University Avenue
Bronx, N.Y. 10452

Yale University Press
302 Temple Street
New Haven, Conn. 06520

Xerox Education Group
1200 High Ridge Road
Stamford, Conn. 06905

NONPRINT MEDIA BIBLIOGRAPHY

Vocabulary

The following terms and definitions have been standardized for North Carolina schools by the State Department of Public Instruction's Division of Educational Media:[1]

Chart:	An outline or graph of particular data recorded in sequential order
Disc Recording:	A monaural or stereophonic recording with speeds of 16, 33-1/3, 45, or 78 revolutions per minute on which is recorded one or more selections
Film:	A series of transparent still pictures in a definite sequence, producing motion when projected at standard speeds with or without recorded sound
Film Loop:	A series of transparent still pictures on a loop of film contained in a cartridge and arranged in a definite sequence, producing motion when shown at a standard speed
Filmstrip:	A series of transparent still pictures, usually with captions, placed in sequential order on 35 millimeter film
Flash Cards:	Cards which may be manually held before the viewer for drill on recognition training of words, phrases, or symbols
Game:	A set of materials providing instruction and testing of skills while motivating the learner through play and competition
Kit:	A collection of three or more different types of media relating to a particular subject
Map:	A representation that shows the whole or part of an area, as of the earth's surface
Microfiche:	A sheet of film usually 4 inches by 6 inches, containing images which have been reproduced at a greatly reduced size by photographic processes
Model:	A three-dimensional representation of an object, either reduced, exact, or enlarged
Picture:	A two-dimensional representation of persons, places, things, or ideas
Realia:	Real objects
Slide:	A frame of photographic film in a mounting 2 inches by 2 inches
Sound Filmstrip:	A filmstrip with an accompanying sound recording, usually a disc or tape recording
Study Print:	A two-dimensional representation of persons, places, things, or ideas with accompanying guide
Tape Recording:	Magnetic tape with sound recorded at 1-7/8, 3-3/4, 7-1/2, or 15 inches per second on reels or contained in a cartridge or a cassette
Transparency:	A graphic or photographic representation on transparent material approximately 8 inches by 10 inches to be used with an overhead projector
Videotape:	Magnetic tape 1/2, 1, or 2 inches wide with picture and sound recorded at a speed compatible to the recorder

[1]Elsie L. Brumback, "Accessibility Is the Key to the Organization of Locally Produced Materials," *High School Journal* (May 1967): 355-357.

Aeronautics

Film

A Man's Reach Should Exceed His Grasp. Color, 23½ min. $99.75. National Aeronautics and Space Administration, 1972.

Presents the story of flight and of man's reach for a new freedom through aviation and the exploration of space. From the Wright Brothers' flight at Kitty Hawk to the landing on the moon and future missions to the planets.

Filmstrip with Recording

Footprints on the Moon. 2 filmstrips, 2 cassettes. $40. Guidance Associates.

MS NASA space photos and flight recordings help recreate history of space effort. Probes social, scientific significance of moon landing.

Agriculture Education

Film

The Farmer in a Changing America. Color, 27 min. $360. Encyclopaedia Britannica Educational Corp.

Air-conditioned combines, seeds coated with their own fertilizer and pesticides, and cows milked by machine in assembly-line fashion would seem strange indeed to the farmers who first settled America. How farming has come to be a huge business enterprise (in which just 2 percent of our population feeds the other 98 percent) is the fascinating story depicted in this film.

Anthropology

Films

Easter Island: Puzzle of the Pacific. Color, 28 min. $300. Macmillan Library Services; produced by Arnold Eagle in association with ABC News; written by James Giggans; narrated by Peter Jennings.

Easter Island is a tiny volcanic speck—fourteen miles long and seven miles wide. In the middle of the vast Pacific Ocean, it lies 2,300 miles west of Chile, and 11,000 miles east of Pitcairn Island. In spite of this extreme remoteness, Easter Island produced a culture which has astounded all who have come in contact with it.

Maskerage. B&W, 10 min. $100. Macmillan Library Services; produced by Max de Haas; supervised by the staff of the National Museum of Ethnology, Leyden, Holland.

A montage of masks—masks from distant lands and exotic cultures, masks in fantastic shapes and forms, masks brimming with strength and vitality, masks of primitive beauty spring from the screen to amaze and captivate.

Architecture

Film

Frank Lloyd Wright. B&W, 26 min. $150. Macmillan Library Services.

A penetrating look at the late American architect whose ideas and designs helped to change the face of America. Includes many of Wright's most famous buildings and information about the man himself.

Art

Films

How Come When It's Thunderin'. . . You Don't See the Moon? Color, 13 min. $145. Macmillan Library Services; produced, written, directed and photographed by Steve Gordon, with the cooperation of Junior High School 43, Harlem, New York City.

In this young filmmaker's view of Harlem youngsters' drawings and paintings, something important is said for everyone concerned with city slum children—for parents, teachers, and community leaders. Here are the shadows, hopes, promises for the future that emerge from an art project. In paintings of the city, and of familiar objects and figures in the children's world now, and their inner world, we understand not only what the children are but what they can and must be helped to become.

Why Man Creates. Color, 25 min. $300. Pyramid Films.

The film explores the importance, difficulties, and mystery of man's creativity. After a humorous history of the world man has created with ideas, the film indicates how ideas can begin in the free play of the creative mind—and then shows the sheer labor of the creative process itself. Finally the connective thread among creative people past and present is suggested. The film ends by emphasizing the uniqueness and creative potential of each individual.

Slides

What Is Sculpture? Color, 30 slides, teacher's guide. $43.50. Sandak.

Interpretation; kinds of sculpture; materials and methods; elements of art.

Astronomy

Films

Our Solar System. Color, 4½ min. $23.50. National Aeronautics and Space Administration, 1973.

Teaches names, line-up and characteristics of the planets in our solar system. The film is done in animation and sung to a catchy tune.

The Moon Old and New. Color, 25½ min. $107.75. National Aeronautics and Space Administration, 1970.

Shows what we have learned about the moon from our manned lunar landings.

Seas of Infinity. Color, 14½ min. $62. National Aeronautics and Space Administration, 1969.

Reviews the planning, development, launching and function of the orbiting astronomical observatory, a series of orbiting telescopes which are being used to study our solar system and the stars beyond. Features comments by leading scientists on the potential of this development in astronomy.

Audio-Visual Teaching Aids and Methods

Films

Learning with Today's Media. Color, 35 min. $360. Encyclopaedia Britannica Educational Corp.

A lively documentary that defines and describes the role of the modern media center at elementary, junior high, senior high, and college levels. Four case studies in different parts of the country reveal some ways in which media centers may be equipped to serve classroom needs. Included are statements and observations from teachers, administrators, librarians, and media specialists, pupils, parents, and school board members—each offering his or her interpretation of the center.

Let Them Learn. Color, 27 min. $200. Encyclopaedia Britannica Educational Corp.

A teacher education film examining the characteristics of educational films that make them significant teaching materials; it illustrates the ways a film can be used in a planned or spontaneous teaching situation. Classroom vignettes and excerpts from films show that when audiovisual materials and equipment are available, the teachable moment can fully be taken advantage of.

Bilingual/Bicultural Education

Films

Charley Squash Goes to Town. Color, 5 min. $120. Learning Corporation of America.

MS This thought-provoking little take encourages students in a bicultural situation to express their own feelings and conflicts.

The Immigrant Experience: The Long Long Journey. Color, 31 min. $390. Learning Corporation of America.

MS Within the story of one turn-of-the century Polish family, seen through the eyes of the young son, Janek, this film dramatizes the problems and dreams of all immigrants to America, reminding us that they are as real today as they have ever been.

Up from Puerto Rico (Many Americans Series). Color, 15 min. $215. Learning Corporation of America.

EM Looks closely at one of the many different ethnic groups—the Puerto Rican Americans—which make up our diverse society.

Filmstrip with Recording

The First Americans. Culture Patterns. 4 filmstrips, 4 cassettes. $99.75. Multicultural Multimedia Services.

S The time span of this revealing study of prehistoric people of North America covers approximately 12,000 years and explores the artistic, architectural, and cultural achievements of the early American Indian groups.

Cassettes

Council for Exceptional Children. *Education: Special for the Mexican American.* 60 min. $7.

Focuses on bilingual education and assessment of bilingual children.

Council for Exceptional Children. *The Quiet Minority—The Oriental American.* 35 min. $7.

Americans of Chinese, Japanese and Hawaiian ancestry discuss the historical perspective of their own cultures' place in the American scene. A catalyst for discussion of minority experiences in any group.

Council for Exceptional Children. *Spanish American—Language and Culture.* 60 min. $10.

EMS Juan Aragon and Leon Marquez contrast American and Spanish cultural traditions and show how aspirations, attitudes, values of the Spanish people are reflected in their language.

English as a Foreign Language. 30 min. $5.75. Paul S. Amidon & Associates.

Applies interaction analysis technique to foreign language teaching; also available are 30 min. cassettes ($5.75 each) for the teaching of French, German, Latin, and Spanish.

Biology

Films

Evolution Series. This three-part series starts with what we know of the earth's formation and progresses in its evolution to the last few seconds on its time scale when man appears. Fossils, reconstructions, and charts are used to illustrate earth's history. The filmstrips in this series were produced by Diana Wyllie Ltd. Series of three filmstrips and guides $22.50; individual filmstrips $7.50. International Film Bureau.

Part 1–Rocks and Fossils. Color. 32 frames. 24-page guide. Shows how rocks are formed and how they can be read for geological study. Relative and absolute dating are explained. The different types of fossil formation are shown, along with reconstructions of Cambrian and Devonian scenes and carboniferous forest.
S

Part 2–The Age of Dinosaurs. Color. 34 frames. 25-page guide. Begins with fossil remains, showing ancestry with later animals. On-site photographs show how skeletons are found and excavated from rock. Reconstructions made possible by fossils are used to illustrate what can be learned about an animal's way of life by studying its fossil remains. The surroundings of the dinosaurs are also reconstructed.
S

Part 3–Mammals and Man. Color. 33 frames. 31-page guide. Starting with the evolution of early animals, the filmstrip progresses to the oldest signs of man–tools and human-like bones found at Olduvai. Australopithecus, Peking man and Neanderthal reconstructions, made possible by tool and bone finds, show early man's appearance and environment. Concludes with a time scale showing man's brief occupation of the world.
S

Filmstrip with Recording

What Is Biology? 1 filmstrip, 1 cassette, program guide. $26. Schloat Productions.

A systematic and concise examination provides an excellent introduction.

Study Print

Endangered Species (series). Color. 13" x 18" mounted. 2 units with 8 prints each. $19.50 each unit. Encyclopaedia Britannica Educational Corp.

EM The interrelationship between animals and their environment.

Black Studies

Filmstrips with Recordings

The Black Odyssey: Migration to the Cities. 2 filmstrips, 2 cassettes. $40. Guidance Associates.

MS Documents black American history from Colonial era through present; emphasizes black urbanization and effects of ghetto life on cultural and economic development.

The Search for Black Identity; Proud Heritage from West Africa. 31 min. 2 filmstrips, 2 cassettes, discussion guide. $48.50. Guidance Associates.

Gives a background of African empires before the invasion of the Europeans.

A Unique Experience. 1 hr., 40 min. 2 cassettes. $12. National Education Association.

Author of *Roots*, Alex Haley, relates the tale of how he traced his family's history and found his ancestral village in Africa.

Filmstrip

Heritage of Afro-American History. 9 filmstrips, captioned. $63. Troll Associates.

MS Includes *From Africa to the New World 1000-1713; Life in the New American Colonies, 1713-1792; The Plantation System, 1790-1850; From Abolition Movements to Civil War, 1850-1865; From Reconstruction to Jim Crow, 1865-1898; The Long Hard Struggle, 1898-1942; Changing Currents of Civil Rights, 1942-1960; Years of Challenge, 1960-present; Leaders Who Left Their Mark.*

Botany

Films

Plant Nutrients and Growth. 12½ min. $172. Coronet Instructional Media.

S An examination of a rice seed, a wheat seed, and a castor oil seed shows that every seed has energy which is stored as starch, protein, or fat. Specific nutritional re-

quirements of growing plants are investigated in a botanical laboratory, and time-lapse photography shows the process of transpiration.

Seed Plant Series. These color filmstrips emphasize structure, plant morphology, function, contribution of the plant part to the total plant, and importance to man. They were produced by Creative Education, Inc. in collaboration with Dr. Muriel Beuschlein, Department of Science, Chicago Teachers College, to cover middle grades concepts. Series of six filmstrips with captions, $30; individual filmstrips, $5 each. International Bureau Film.

1. *Green Plants.* Color. 26 frames. Illustrates the needs of plants we eat and use for water, sun and soil, and outlines the individual parts of the plant.
2. *Seeds.* Color. 26 frames. Shows the growth progression of seeds, their uses, and nature's means of transporting them.
3. *Roots.* Color. 25 frames. Demonstrates root function, the difference between tap and spreading roots, and foods and products made from roots.
4. *Stems.* Color. 25 frames. Explains differences between woody and nonwoody stems and shows our uses of them.
5. *Leaves.* Color. 25 frames. Shows leaf characteristics and explains their need for sun, water, and minerals.
6. *Flowers and Fruits.* Color. 25 frames. Discusses stamen, pollen, pistil, and food storage.

Business Education

Filmstrips with Recordings

Office Education, Series I. These five filmstrips present a general introduction to the secretarial and clerical occupational areas. They focus particular attention on work in a large corporation and on special fields such as medicine and law. Qualifications and general duties of certain positions are outlined. Included is basic information on the place of the clerical worker in relation to the total office force. Written by Marita Kasper. International Film Bureau.

Each of these color filmstrips is accompanied by either a 33-1/3 rpm record or a cassette (indicate preference when ordering). Both contain inaudible signals for use on automatic sound filmstrip projectors and audible signals for use with separate sound and picture units. Sale price for series including five color strips and worksheets: with five records, $75; with five cassettes, $85. Individual strip and worksheets: with record, $16; with cassette, $18.

1. *Secretarial Work as a Career.* Color. 50 frames. 7½ min. Presents information about the varied duties a secretary performs. It emphasizes areas of concern for every beginning secretary: skills, personality, job possibilities, personal appearance, salary expectations, and fringe benefits.
2. *Vocational Objectives.* Color. 50 frames. 9 min. Focuses attention on the secretary in specific jobs such as the stenographic pool, the law office, the medical office, and an educational institution. It outlines qualifications and different kinds of positions available in these fields.
3. *Clerical Work as a Career.* Color. 51 frames. 8 min. Outlines the position of the clerical worker in the office force by visiting a corporation where the duties of the receptionist, the file clerk, and other clerical workers are explained.
4. *So You Want To Be a Secretary.* Color. 48 frames. 9½ min. Contrasts poor work attitudes and habits with good ones by presenting typical secretarial working days of "Cathy All-Wrong" and "Cathy All-Right."
5. *The Administrative Assistant.* Color. 42 frames. 7 min. Introduces the position of the secretary who has become an administrative assistant, explaining her stenographic and supervisory duties and outlining qualifications for this type of job.

Office Education, Series II. These four filmstrips outline the sources available for finding positions, the form of application letter and resumé, and the personal interview. Written by Marita Kasper. International Film Bureau.

Each of these color filmstrips is accompanied by either one side of a 33-1/3 rpm record or a cassette (indicate preference when ordering). Both contain inaudible signals for use on automatic sound filmstrip projectors and audible signals for use with separate sound and picture units. Sale price for series including four color strips and worksheets: with two records, $60; with two cassettes, $64. Individual strip and worksheets: with record, $16; with cassette, $18.

1. *Job Application Sources.* Color. 43 frames. 7 min. Presents the different types of media and agencies to which one may apply for positions, the advantages of each, the requirements such as testing and personal interviews, and the type of waiting list, if any, on which the applicant may be placed.

2. *Job Application Letter and Resumé.* Color. 49 frames. 12 min. Focuses on the content of the resumé, such as the type of information to be included and the form in which the information should be typed. Both the content and typewritten form of the accompanying letter are explained.

3. *Preparing for an Interview.* Color. 49 frames. 9 min. Reviews briefly the phoned or written interview request, appropriate dress for the occasion, and preparation for the interview such as learning about the company, the application form required by most companies, and the references usually required when applying for a position.

4. *Do's and Don't's During an Interview.* Color. 38 frames. 7½ min. Discusses the appraisal form used by some employers with emphasis on personal qualities and qualifications of the applicant. Also discusses ways of replying to questions posed by an interviewer and the kinds of tests that may be required during an interview.

The Secretary in a Changing Business World. 8½ min. 4 filmstrips, 2 records. Teaching Resources Films.

Career Education and Vocational Education

Filmstrips with Recordings

Career Choice: A Lifelong Process. 2 filmstrips, 2 cassettes. $48.50. Guidance Associates.

S Part I examines factors which determine the relative importance of work for each individual; Part II comprises four documentary interviews showing how these concepts function in people's lives.

Career Values: What Really Matters to You. 5 filmstrips, 5 cassettes, discussion guide. $99.50. Guidance Associates.

Part I, Identifying Values; Part II, Chance Taking; Part III, Work Environment; Part IV, Personal Commitment; Part V, Time.

Women at Work: Choice and Challenge. 2 filmstrips, 2 cassettes. $48.50. Guidance Associates.

S Part I builds a detailed documentary overview of work roles assigned America's poor, middle-class, and privileged women from colonial times up to the present. Part II examines changing work patterns in the 1970's; Program provokes spirited dialogue about self image, stereotyped thinking, justice and fairness in the world of work.

Chemistry

Filmstrip with Recording

What Is Chemistry? Color. 1 filmstrip, 1 cassette, program guide. $26. Schloat Productions.

A systematic and concise examination of chemistry; provides an excellent introduction. tion.

Children's Literature and Reading Guidance

Films

Big Red Barn. Color. 8 min. $135. Oxford Films.

Based on the famous book of the same name by Margaret Wise Brown; brings to life the atmosphere and beauty of rural living. Beautifully photographed, it transports young viewers into a tranquil country setting, acquainting them in a graphic way with all the animals most often found on farms and encourages the creating of oral and written stories, poems, and art work based on life at the farm.

Hansel and Gretel; An Appalachian Version. Color, 17 min. $210. Tom Davenport Films.

E The Grimm Brother's tale is filmed in an Appalachian mountain setting with local people as the actors. Narrated by Tom Davenport, a beautiful translation of the European folk story into an American setting.

The Red Balloon. Color, 34 min. $450. Macmillan Library Services; written and directed by Albert Lamorisse; photography by Edmond Sechan.

A lonely boy makes friends with a balloon, tames it, and the balloon begins to take on a life of its own.

Consumer Education

Film

Just Sign Here. Color, 14 min. $150. Macmillan Library Services.

With credit and interest charges coming under close scrutiny by government and private protection agencies alike, this film is a timely reminder of how the purchaser can protect himself.

Filmstrip with Recording

The Exploited Generation. 28½ min. 2 filmstrips, 2 records, discussion guide.

MS Explores the plight of today's young consumers; appraises the kinds of products being offered them and the kinds of advertising directed toward them.

Early Childhood Education

Films

A Child Went Forth. B&W, 18 min. $115. Macmillan Library Services; produced by John Ferno and Joseph Losey; commentary by Munroe Leaf.

An inspirational experience for teachers and general audiences in this simple, poetic exposition of a child's day at a summer camp. The three- to six-year-old children have been candidly photographed at work and play as they are encouraged to express their creative instincts and solve their problems independently. Widely praised as a sensitive and creative work of film art.

Children Who Draw. Color, 44 min. $300. Macmillan Library Services.

How children think, feel, and develop is the general subject of this film of Japanese primary school children observed during an entire school year. The film acts as a sensitive and understanding teacher, following selected children in their customary activities within the class, during playtime, and at home.

Montessori: A Way To Grow. Color, 32 min. $385. Promethean Films, 1975.

Describes philosophy and practice of Montessori. Filmed in several schools.

Filmstrip

Developing Cognitive Skills in Young Learners. 7 filmstrips. Stanley Bowmar.

Cassettes

Marie M. Hughes. *The Earliest Years.* 4 cassettes (1 hr. each). $59.95. Listener Corporation, 1972.

What Is a Baby? Infancy to Toddlerhood; The Wonderful Exasperating Two's; The Acquisition of Language; The Confident 4, 5-Going-on-6, Industry, Persistence, Problem Solving; Activities, Staff Planning.

Council for Exceptional Children, *Talking with Children.* 1976. $7.

Art Linkletter's keynote address at CEC's 53rd Annual International Convention, April 1975, captures the candor of children's reflections about life. His stories encourage us to listen to children and to let the child see a glimpse of the child that is in you.

Economics

Film

If We're So Good . . . Why Aren't We Better? Color, 15 min. $135. National Education Association in cooperation with the Smithsonian Institution.

MS Focuses the questioning mind on the elements of productivity; the workers, the tools, the materials, the systems, the inputs and outputs.

Filmstrip

Economics for Primaries. 6 filmstrips with 3 cassettes. $74.70. Eye-gate House.

E Includes Families Are Producers; Families Are Consumers; Economics and Our Natural Resources; Money: Paying for Things; Goods and Services: Work People Do.

Education

Films

Be an Effective Teacher (with Thomas Gordon). Color, 55 min. 2 reels. $300. American Personnel and Guidance Association.

In the first reel, role-play demonstrations are utilized to portray the TET approach in action through the application of active listening and "I" messages when the teacher has a problem. In the second reel, conflict resolution skills are presented and Dr. Gordon discusses the origins and underlying philosophy of the central concepts as well as the techniques of implementation.

Charlie and the Golden Hamster—The Nongraded Elementary School. Color, 15 min. $125. Idea Films.

The importance of matching the individual child with his particular learning style is dramatically portrayed throughout the film. The nongraded concept reinforces the natural curiosity inherent in all young children. The film points out that it is not a matter of the child being ready for school. It is a matter of the school being ready to teach the child whatever he is ready to learn. Schools practicing or considering a nongraded program will find in this film many useful ideas which can be incorporated into their program. The film is based on research work in the University Elementary School at UCLA, directed by John I. Goodlad.

Dialogue with Dr. Carl Rogers, Parts I and II. Color, 50 min. $475 each. CCM Film.

Part I: Dr. Rogers discusses motivation, perception, learning, the self; his development of client-centered psychotherapy; and his reactions to encounter groups—their strengths and weaknesses. Part II: Dr. Rogers discusses the contemporary American educational system; student unrest on the college campus; important issues facing contemporary psychology (e.g., research vs. action); and what he believes to be his own most important contributions.

Education in America: Seventeenth and Eighteenth Centuries. 15½ min. $210. Coronet Instructional Media.

From the early New England school laws to the educational provisions of the Northwest Ordinance, the beginnings of American education are re-enacted in actual locations of Dame schools, Latin grammar schools, church schools, and pauper schools of Colonial America.

Education in America: The Nineteenth Century. B&W, 16 min. $215. Coronet Instructional Media.

The development of free public school systems from the westward movement; the change to secular education; the influence of American textbooks; the rise and decline of the district school; the struggle for tax support and state control; the contributions of Daniel Webster, William McGuffey, Gideon Hawley and Horace Mann; the effect of the Civil War; compulsory attendance laws; and the rise of teacher-training institutions.

Education in America: Twentieth Century Developments. 15½ min. $210. Coronet Instructional Media.

Includes the effects of the industrial revolution on American education; the influences of Herbart, Binet, Dewey, Thorndike, and others; the appearance of the junior high school and graduate education; the building of central consolidated schools; federal aid to education through the Depression; the G.I. Bill; and recent Supreme Court decisions.

Kingdom Come School. Color, 20 min. $250. Appakhop, 1973.

Focuses on one of the fast disappearing one-room schoolhouses in America. Teacher Harding Ison (grades 1-8) has an "open classroom" of twenty-two children. Film will challenge classroom teachers and curriculum specialists.

Learning Through Inquiry. Color, 31 min. $200. Idea Films.

Illustrates how the teacher's role can be elevated from subject orientation to stimulating student interest and imagination by using inquiry techniques. Students are placed into four-member groups to discuss and answer questions as a team. Different film sequences show an atmosphere of cooperation, instead of inequitable competition, which exists as students help and teach one another.

Make a Mighty Reach. Color, 45 min. $300. Idea Films.

Focuses on dramatic changes taking place in American education. Major emphasis is directed to the concept that new ideas in education must be channeled to make learning easier and more efficient by concentrating more on the individual's abilities.

Why Visit Another School. B&W, 19 min. $75. Idea Films.

Shows a group of teachers discussing a recent visit to a highly individualized classroom. They discuss what they saw and interpret their findings for meaning to their own programs. The leadership role of the principal is featured. This is a real-life documentation of how one staff used visitation as a means of gathering data regarding changes they wished to bring about in their own program.

Filmstrip with Recording

Shrinking Schools. Color, 15 min. 1 filmstrip, 1 cassette. $12. Idea Films, 1975

Based upon the findings of a national seminar which probed the problems caused by declining enrollment. Vividly portrays the different problems confronting the teaching staff and administrators when a school is shrinking. Targeted toward teaching staff and administrators.

Understanding Intergroup Relations: A Person-to-Person Experience. Color. 122 frames. 15 min. 1 filmstrip with discussion guide, record or cassette, $16. National Education Association.

Considers how to change attitudes; sensitivity awareness; guidelines for coordinating an intergroup relations programs.

Education–Elementary Schools

Filmstrips with Recordings

Attitudes Towards Children. Color, 5 filmstrips, 3 cassettes, 5 audio script booklets, discussion guide. $58. Parents' Magazine Films.

Examines in detail the history of American attitudes toward children, while demonstrating that until the end of the 1800's many of these attitudes had their roots in religion and philosophy. In the early twentieth century, religious and philosophical attitudes toward children became less important in determining how parents dealt with their children. At this time practical advice from "parent-child authorities" began to gain influence, and the child-care specialist replaced the cleric and philosopher as advisor to most parents.

Learning Through Play. Color. 5 filmstrips, 3 cassettes, 5 audio script booklets, discussion guide. $58. Parents' Magazine films.

Provides guidelines for the evaluation of toys; shows how parents can make playthings for their children; dramatizations show how simple objects—crayons, play dough, or clay—can promote creative play.

Cassette

David Cahoon. *Fears of Teaching,* Parts I and II. $15.80. Paul S. Amidon & Associates.

Dr. Cahoon and an elementary teacher discuss fears and anxieties common to the student teacher's situation and those that seem to be inherent in the teacher's situation in general.

Education–Secondary Schools

Film

Hi, School: Making the Curriculum Relevant. Color, 28 min. $225. Idea Films.

In sequences which vary from a minicourse in television production to an apprenticeship in skeletal reconstruction at a museum in natural history, "Hi, School" examines the concept of the relevant curriculum where the traditional high school becomes a "learning headquarters" from which its students go forth into the community to acquire education.

English Language

Filmstrips with Recordings

Speaking of Spelling. 11 min. 2 filmstrips, 2 cassettes. $48.50. Guidance Associates.

MS Explains the importance of standardized spelling and provides valuable how-to tips; gives historical overviews and examples of spelling patterns.

Working with Prefixes. 12 min. 2 filmstrips, 1 cassette, discussion guide.

EM Materials suitable for children in grades 4-6 and for remedial classes.

Working with Suffixes. 2 filmstrips, 1 cassette. discussion guide.

EM Material suitable for children in grades 4-6 and for older students in remedial classes.

Recordings

Americans Speaking. $4.50. Urbana, Ill.: National Council of Teachers of English.

A dialect recording and pamphlet.

The Changing English Language. $4.50. Urbana, Ill.: National Council of Teachers of English.

Environmental Studies

Filmstrip with Recording

Man and His Environment: An Introduction to Using Environmental Study Areas. 1970. Color. 91 frames. 14 min. 1 filmstrip with discussion guide, record, $17. National Education Association; produced jointly with the American Alliance for Health, Physical Education, and Recreation, in cooperation with the National Park Service.

ESM Provides suggestions for helping students understand the relationships between humans and their environment.

Cassette

Survival Through Concern for Human Ecology. 1 hr., 10 min. $8. American Personnel and Guidance Association.

Film Loop

Man and His Environment. 4 film loops. $99.80. Troll Associates; prepared under the supervision of Peter Barnowski

Plant and Animal Ecology; Man's Own Ecological System; Can Man Change the Balance of Life?; What Is Conservation?

Exceptional Children—Special Education

Films

Leo Beverman. Color, 13 min. $175. Centron Educational Films

A monument to the dignity and worth inherent in every individual. Leo's story is an inspiration to all who see the film.

Readin' and Writin' Ain't Everything. Color, 26 min. $250. Stanford House, 1975

Narrator reminds viewers that with a little help, 80 to 90 percent of the retarded can live normal lives. Appropriate for community, school, or business audiences; should change attitude toward the retarded.

Special Children, Special Needs. Color, 28 min. $25, rental. Steve Campus Films, 1974.

Records the work done at the New York University Bellevue Pre-School Center. People involved in special education, legislators, and parents should see this film. It reminds us that schools are for everyone.

Cassettes

Henry "Buzz" Glass and Rosemary Hallum, with Edith Hom Newhart. *Dancing Words.* $9.95. Educational Activities.

A book and cassette written to inspire primary teachers to use movement and music in exciting, different ways to reinforce children's reading and language skills. The book is written for the teacher and gives clear reasons for the action songs included.

Council for Exceptional Children. *They Shall Create: Gifted Minority Children.* 60 min. $10.

EM Paul Torrance reads and comments on poetry and prose written by black and Mexican American youth. Ernest Bernal explores how the Mexican American community perceives and identifies their exceptional children. Irving Sato presents overview of the dimensions of talent and giftedness.

Recording

Jack Capon and Rosemary Hallum, with special materials by Henry "Buzz" Glass. *Perceptual-Motor Rhythm Games.* $6.95. Educational Activities.

Combines perceptual-motor experiences and fun-filled learning-through-movement activities with appropriate music. The games have been field-tested and can be easily introduced in the classroom.

Future Studies

Film

Future Shock. Color, 42 min. $660.15. McGraw-Hill

S High-speed change is at the core of future shock. Values, families, friends, institutions are disappearing. To absorb the impact of change, we too must change and learn to control change. That is the challenge of the future.

Filmstrips with Recordings

Change Here for Tomorrow's Fury. 4 filmstrips, 4 cassettes. Doubleday Multimedia.

MS *The Future Family; The Future of Leisure; The Future Me; The Future of Work.*

Future Studies. Color, 18-20 min. 2 filmstrips, 2 cassettes. Teacher's guide. $49. Educational Dimensions Corporation.

MS The first filmstrip compares the world of 1900 and world of today. The second filmstrip discusses food, technology, urbanization, trends in community living, change in power structure, and how all of these affect the future.

Futurism: Problems and Prospects. Color. 1 filmstrip, 1 cassette. $16.50. Follett.

F Science offers the potential of a fascinating new world building cities in space, exploring the ocean's depths, and redesigning man himself to produce a superior species. But man also faces annihilation through nuclear war.

The Future. Color. 4 filmstrips, 4 records or cassettes, teacher's guide. $69.50. Scholastic Book Services.

1. *Things to Come.* Themes, inventions, and visions of the future through the works of pioneers of science fiction like Jules Verne and H. G. Wells.
2. *Science Fiction.* The style of some of the best contemporary science fiction writers is dramatized: Robert Heinlein, George Orwell, Kurt Vonnegut, Ray Bradbury.
3. *A Martian Chronicle.* Exciting episode adapted from Ray Bradbury's *Martian Chronicles.*
4. *Brave New World.* Tour the nightmare world of the future—a dramatization of Aldous Huxley's *Brave New World.*

Video Cassette

The Future. $135. Agency for Instructional Television.

MS A projection of possible future developments in science and technology, and how these relate to the survival and betterment of mankind.

Health and Physical Education

Films

Basic Tumbling Skills. 14½ min. $210. Coronet Instructional Media.

Frozen action, slow motion, and clear demonstrations by boys and girls illustrate simple rolls, dive rolls, the headstand, handstand, handwalk, cartwheel, kip up, pike up, pike down, and combinations.

The Day They Tried Alcohol. Color, 14¾ min. $210. BFA Educational Media.

MS The court trial of "Alcohol" provides the setting for five people to tell about their experiences with drinking, and for "Alcohol" to describe the warning signs of the growing disease. At issue in the trial is whether "Alcohol" or its users are at fault. But the trial clearly demonstrates that the real issue is the misuse of alcohol and

that this misuse is to be condemned. The film provokes discussion of the uses and misuses of alcohol, provides data about the problems of alcoholism, its symptoms, and the sources to which one associated with the problem can look for help.

The Health-Wreckers. Color, 13 min. $190.

EMS Alcohol, drugs, and cigarettes aren't good for your body. This film helps youngsters understand that most of us have opportunities to use or reject these "health wreckers" and that the decisions ought to be based on understanding their effects on the body.

How To Save a Choking Victim: The Heimlich Maneuver. Color, 11 min. $225. Paramount Oxford Films.

EMS The Heimlich maneuver is a life-saving technique that can rescue people from unnecessary accidental death. Through animation and with the cooperation of models, Dr. Henry J. Heimlich, renowned specialist in esophagus surgery, demonstrates how to perform his simple maneuver. A dramatic choking incident conveys the seriousness of the subject.

Cassettes

Counseling the Alcoholic. 1 hr., 10 min. $8. American Personnel and Guidance Association.

The Role and the Resources of the Family During the Drug Rehabilitation Process. 1 hr. 15 min. American Personnel and Guidance Association.

History

Films

Ballad of Iron Horse. Color, 29 min. $370. Learning Corporation of America.

MS A beautifully photographed film that traces the history of railroads from the hazardous building of the first transcontinental tracks to a pondering of the railroad's future in today's jet age.

Pompeii: Once There Was a City. Color, 25 min. $345.

By juxtaposing everyday life in ancient Pompeii with the quality of life in modern American society, this graphic film shakes our complacency and asks a basic question: Does the destruction of Pompeii after a period of unprecedented material prosperity symbolize and foreshadow the man-made violence of the twentieth century?

The Road to Gettysburg. Parts I and II. Color. Each part, 54 min. $695. McGraw-Hill.

Dramatically re-creates the battle which was the turning point in the Civil War and the events which led up to it. This is the story of a war told in terms of the men who fought it, their reactions to its causes, its tedium, and its incredible brutality. Historic photographs and modern re-enactments of the battle combine to reproduce the numbing impact of a holocaust which set brother against brother in one of the bloodiest wars in history.

1776. Parts I and II. Color. Each part, 54 min. $695. McGraw-Hill.

S Filmed at Lexington and Concord, Boston, Philadelphia, and Williamsburg—as well as in England and France—this film chronicles the events which created a new atmosphere in which man could flourish. It commences with a survey of the period when the American Colonies were beginning to prosper, follows through the uprisings and events leading to the Declaration of Independence, and ends with the first year of the war when Washington surprised the British at Trenton.

Filmstrip with Recording

A Lincoln Field Trip. (2nd ed.) Color. 85 frames. 15 min. With LP record, $15; with cassette, $17. International Film Bureau.

MS A new sound presentation of Lincoln's politically formative years in Illinois. The village of New Salem, Hill and McNeil's general store, and the Rutledge Tavern are among the places which provide information. His years as a lawyer and State Representative are illustrated with the state capitol building in Vandalia and the building which housed the General Assembly and Supreme Court. A stop at Lincoln's Springfield home and a description of his family is followed by a visit to his tomb.

Home Economics

Filmstrip with Recording

The People Profession: Careers in Home Economics. 1 filmstrip, 1 cassette. $26. Guidance Associates; produced in cooperation with the American Home Economics Association.

S On-location photo essays depict careers in the extension service, early childhood education, retail merchandising, consumer information and services, banking, interior design, publishing, home economics education, care for the elderly, the public utilities industry.

Filmstrip

Introduction to Sewing. 8 captioned filmstrips. $8 each; boxed, $64.

Basic sewing skills—Parts 1, 2, and 3; basic sewing tools—Parts 1 and 2; sewing machine—Parts 1, 2, and 3. Designed for both individualized learning and classroom presentation, these filmstrips provide introductory material for the beginning sewing student and also basic reference or study material for later stages of more detailed instruction.

Journalism

Films

Newspaper Advertising. Color. 57 frames. 9 min. With record, $16; with cassette, $18. International Film Bureau.

Focuses attention on classified and display advertising, including preparation of copy, illustrations, and headlines.

The Television Newsman. Color. 28 min. $350. Pyramid Films, 1976.

Excellent for classes in journalism, communications, film study, and careers. Filmmaker Charles Braverman takes the news interview process from the early morning assignment to the evening's final newscast.

Language

Filmstrips with Recordings

The Mirror of Man's Growth. 5 filmstrips, 5 cassettes. $69.50. Centron Educational Films.

EM *Language and Its Mysteries; Languages Are Born . . . Sometimes They Die; How Is It That an Englishman Speaks English?; The American Language. . .or When the King's English Came to America; What Age Has Done to English.*

Speaking of Language. 2 filmstrips, 2 cassettes. $48.50. Guidance Associates

MS Tongue-in-cheek approach, free from specialized technology; explains the origins of modern languages, including English, their relationship to thought, essential similarities among all languages, how languages grow out of each other.

Literature

Filmstrips with Recordings

Antigone and the Greek Theatre. 1 filmstrip, 2 records. Scott, Foresman, 1967.

A Pocketful of Poetry. 12 min., 11 min. 2 filmstrips, 2 cassettes. $48.50. Guidance Associates.

MS Introduction to effects of rhyme, rhythm, and word selection in poetry; demonstration of poet's role as storyteller.

Folklore and Fable. Color. 4 filmstrips, 4 records or cassettes, teacher's guide. $69.50. Scholastic Magazines.

1. *Magic and Superstitution.* Songs and stories from other cultures contrast magic superstitions of yesterday with those of today.
2. *Pecos Bill.* The most famous legend of the Old West is brought into your classroom. An interview with Pecos Bill and other mythical cowboys.
3. *Dracula.* Eerie graphics and haunting sound effects recreate the classic story of the infamous Count.
4. *Folk Music.* Sing along with a folk singer as he introduces students to folk music classics; blues, work songs, sea chanties, African chants, and contemporary folk songs.

Forms of Literature: Biography/Autobiography. 14 min., 15 min. 2 filmstrips, 2 cassettes. $48.50. Guidance Associates.

S Explores biographical approaches in the works of Plutarch, Samuel Johnson, Boswell, Lytton, Strachey; examines autobiographical objectives and techniques through excerpts from Anne Frank, Helen Keller, Margaret Mead, Claude Brown.

Forms of Literature: Drama/Comedy. 23 min. 2 filmstrips, 2 cassettes. $48.50. Guidance Associates.

S Examples of comic plot, the comic hero, stock comic characters; analyzes dramatic techniques and objectives of farce, situation comedy, satire, romantic comedy, comedy of ideas, black comedy.

Forms of Literature: Drama/Tragedy. 31 min. 2 filmstrips, 2 cassettes. $48.50. Guidance Associates.

S Part I explores the meaning of tragedy and identifies those characteristics that most tragedies have in common. Part II looks at the tragic figure, tracing the structure of tragedy in terms of the rise and fall of the tragic figure's fortunes.

Forms of Literature: The Novel. 11 min., 13 min. 2 filmstrips, 2 cassettees. discussion guide. $48.50. Guidance Associates.

S Explores the variety within the novel form. Part I deals with subject matter, scope, narrative method, and theme. Part II deals with plot, character, and setting.

Forms of Literature: Poetry. 13 min., 14 min. 3 filmstrips, 3 cassettes, discussion guide. $64.50. Guidance Associates.

S Part I introduces the broad range of poetic subject matter. Part II examines the qualities common to all poetry. Part III examines how good poetry is made.

Forms of Literature: The Short Story. 4 filmstrips, 4 cassettes. $79.50. Guidance Associates.

S Demonstrates the importance of compression, plot development, characterization, narrative viewpoint, setting; illustrates concepts with examples from Edgar Allan Poe, O. Henry, James Baldwin, Irwin Shaw, William Charles Williams, Ernest Hemingway, Jack London, and William Sarayan.

Humor and Satire. Color. 4 filmstrips, 4 records or cassettes, teachers guide. $69.50. Scholastic Magazine.

S 1. *What Makes Us Laugh.* Introduction to humor and what it takes to get people smiling, incongruities. . .puns. . .jokes. . .limericks. . .cartoons. . .slapstick.

2. *Mark Twain.* Who knows more about humor and creating comic characters. Twain talks about Tom Sawyer and Huck Finn, their life in Hannibal, and jokes with students.

3. *Interview with Jules Feiffer.* Students can learn how to draw their own satirical cartoons, with advice from one of America's greats.

4. *The Mechanization of Man.* Poems, stories, and contemporary songs satirize life in the age of technology.

Literature for Children: An Introduction for Middle and Upper Elementary: Story of a Book/Biography/Tall Tales/Fantasy, Series 1. 4 filmstrips, 2 records, guides. $57.50. Pied Piper Productions.

Literature for Children: An Introduction for Middle and Upper Elementary: Animals/Distant Lands/Fairy Tales/Humor, Series 2. 4 filmstrips, 2 records, guides. $57.50. Pied Piper Productions.

Literature for Children: An Introduction for Middle and Upper Elementary: Enjoying Illustrations/Historical Fiction/Myths Adventure, Series 3. 4 filmstrips, 2 records, guides. $57.50. Pied Piper Productions.

Literature for Children: An Introduction for Middle and Upper Elementary: Haiku/Figures of Speech/Sounds of Poetry/Humor, Series 4. 4 filmstrips, 2 records, guides. $57.50. Pied Piper Productions.

Literary New England—Mid-Nineteenth Century. Color. 80 frames. 14 min. With record, $15; with cassette, $17. International Film Bureau.

Gives historical background for a study of the distinguished group of New England writers who were prolific during the middle of the nineteenth century. Scenes of the places these writers lived and wrote and of objects associated with their works are accompanied by a narration which relates episodes from their lives and clarifies some of the relationships between them. The main writers included are Ralph Waldo Emerson, Nathaniel Hawthorne, Louisa May Alcott, Henry David Thoreau, Henry Wadsworth Longfellow, and John Greenleaf Whittier. Also included are William Cullen Bryant, Herman Melville, Emily Dickinson, Oliver Wendell Holmes, and James Russell Lowell. Produced by Melvin Brodshaug with Edward Wagenknecht, Boston University, as literary consultant.

Mythology Is Alive and Well. 13 min., 12 min. 2 filmstrips, 2 cassettes, discussion guide. $48.50. Guidance Associates.

MS The symbolism of the classical gods and goddesses is related to the viewers' experiences.

Mathematics

Film

Make Mine Metric. Color. 15 min. $200. Pyramid Films.

"Or how I Learned to Stop Worrying and Love the Gram." A humorous and effective introduction to the metric system.

Filmstrip with Recording

Fun with Sets, 2 Parts. Color. 54 frames. 13 min. With 33-1/3 rpm record, $19.50; with cassette, $21.50. International Film Bureau.

Uses everyday items and language to help the elementary student discover what sets are and how to work with them. Bright-colored doll clothing, toy soldiers, crayons, pennies, animals, and fruits are used to compare sets and to explain members, numeral symbols, subsets, and place-holder boxes. One fundamental concept is carefully built on another so as to develop interest as well as understanding. Media Consultant: Phillip J. Sleeman, Boston University.

Multiethnic Education

Film

Indian Boy of the Southwest. Color. 15 min. $160. Bailey Film Associates.

EM Toboya, a Hopi Indian boy, tells us about his life and his home, a high mesa in the southwestern desert of the United States. We learn about the food he eats, how his family and the other families of his pueblo make their living. We visit Toboya's school and the trading post near the mesa.

Filmstrip with Recording

The American Indian: A Dispossessed People. 2 filmstrips, 2 cassettes. $40. Guidance Associates.

MS Examines history, current conditions, government responsibilities, movement to cities, Indian values, self-help groups, "Red Power" movement. Produced in cooperation with the Associated Press.

Music

Film

Melody. Color. 8 min. $135. Oxford Films.

KE Students will learn to identify most of the instruments of an orchestra while they are being fascinated by this colorful animated cartoon. The fantasy follows the story of Melody, a young bird rejected by her family because of her ability to sing rather than to chirp. She finally finds a friend who will play with her: a trumpet. The story moves along swiftly as Melody meets, sings and plays with the instruments of the different instrument groupings: first with the brass family, then the woodwinds, and finally the string and rhythm families.

What Is Music? 1973. Color. 20 min. Purchase, $85; rental, $6. National Education Association.

Explores the nature of music; can be used as an introduction to or review of the elements of music.

Filmstrip with Recording

The Ballad Tradition. Color. 12 min. 5 filmstrips, 5 cassettes. $100. Schloat Productions.

M A lively examination of the interrelationships between American ballads and the history they reflect. Students examine the development of the ballad form through such American experiences as the Civil War, slavery, the railroad and the range, the Depression and the chaotic sixties.

Nonsexist Education

Kit

Sex Role Stereotyping. 2 filmstrips, 4 cassettes, 3 books, 2 research reports, leaflets, and pamphlets. $77.25. National Education Association, eduPak.

Contains one copy of each of the following items: biased textbooks; Blue Is for Sky; Pink Is for Watermelon; Cinderella Is Dead; Consciousness Razors; Sex Equality; ERA—The Equal Rights Amendment and You; The Labels and Reinforcement of Sex Role Stereotyping; Nonsexist Education for Survival; Sex Role Stereotyping Fact Sheets; Sex Role Stereotyping in the Schools; Sexism; Racism; Classism in the Schools; Today's Changing Roles.

Photography

Filmstrips with Recordings

Images of Man Filmstrip Program, Sets I and II. With cassettes, $149. Scholastic Magazines.

Each set has a detailed teachers' guide. Some of the memorable pictures in *Images of Man* are in the permanent collections of leading museums. Pictures are accompanied by the photographer's own words explaining why he took that particular shot and inviting the viewer to express his or her own thoughts about it.

Photography: Close-Ups and Copying with 35 mm Cameras. 4 filmstrips, 2 records. $42. BFA Educational Media; produced by John W. Norviel.

MS General principals of close-up photography and copying; close-ups and copying with supplementary lenses; close-ups and copying by extending the lens; slide copying. A background in photography is not necessary to understand the series.

Putting New Excitement into School Pictures. Color. 1 filmstrip. With record, $12.95. Association for Educational Communications and Technology.

Hints for better school pictures for school publications, classes and faculty advisors.

Political Science

Filmstrip with Recording

American Government and the Right To Vote. Color. 6 filmstrips, 6 cassettes, discussion guide.

Concentrates on the 1970 Voting Rights Act which gives 18-year-olds the vote; introduces the three branches of government as they are revealed in the law-making process.

Reading

Films

Foundations of Reading and Writing. Color. 40 min. $325. Campus Film Productions, 1975.

Enforces the idea that children's play is truly work. Recommended for students of early childhood education, including directors of nursery schools and Headstart programs.

Johnny Can Learn To Read. Color, 31 min. $300. Macmillan; co-produced by, D. H. Stott, Center for Educational Disabilities.

Based on the thesis that most reading problems among children stem from lack of motivation. Describes many ingenious techniques being employed to turn kids on to reading and help conquer some of the root causes underlying reading difficulties.

Filmstrip with Recording

Three Honorable Wishes. Color. 24 frames. 9 min. With 33-1/3 rpm record, $12.50; with cassette, $14.50. International Film Bureau.

A Japanese folk tale which concerns a widower fisherman and his son who are given three wishes by a sea dragon is retold and illustrated by fourth graders under the guidance of a reading supervisor. The primary aim of the filmstrip is to motivate students. Produced by International Film Bureau, Inc. with Marilyn A. Miller and Phillip J. Sleeman, Boston University, as consultants.

Safety Education

Films

I'm No Fool with Safety. 2 filmstrips with 2 records or 2 cassettes, teacher's guide. $42. Walt Disney.

KE Jiminy Cricket gives rules for protection.

Meeting Strangers: Red Light, Green Light. Color. 20 min. $230. BFA Educational Media.

Child molestration is a serious problem. This film will help children identify potentially dangerous situations and give them the confidence to avoid and rebuff the advances of probable child molesters. Typical problem situations and settings are shown. The film does not frighten children or encourage a distrustful attitude toward all strangers. However, the point is made that there are some people who would do them harm and who might be difficult to recognize because they look and sound "nice."

Filmstrips with Recordings

Playing It Safe, series of 6. 74 frames, 16 min., each set. 6 sets with 2 filmstrips, 2 cassettes, teacher's guide, each set. $48 each set.

Includes: In the Home; En Route; In the Water; In Babysitting/Child Care; With Food; In School.

School Bus Safety. 3 filmstrips, 3 cassettes. $49.50. Centron Educational Films, 1975.

EMS Two of the filmstrips are designed for use with students who ride school buses. Materials are in complete compliance with Highway Safety Program Standard 17 and will find wide use in training situations. The third filmstrip is designed to help administrators, drivers, driver instructors, teachers and other responsible adults comply with all provisions of Standard 17.

Watch Out! Color. 4 filmstrips, 2 cassettes, teacher's guide. $48. Learning Tree Filmstrips, 1976. Filmstrip titles: Dangerous Things; Dangerous Places; Poisons, Drugs and Tobacco; and All the Time.

The purpose of the series is to expose children to many familiar objects that can be dangerous; attempts to teach children to think before acting.

Science

Video Cassettes

City of Fossils. $135. Agency for Instructional Television.

MS A look at the way scientists go about reconstructing the origin and development of the earth, its features and its inhabitants through geologic time; one of a "Universe and I" series.

Sea Search. $135. Agency for Instructional Television.

An introduction to the complexity of the ocean environment, the effect oceans have upon earth systems, and their vast, virtually untapped scientific and economic potential.

Social Studies

Films

Age of Anxiety. B&W, 52 min. $300. Macmillan Films; produced by CBS News: A Twentieth Century Program.

A survey of the treatment of mental illness, told in the words of the Menninger brothers, co-founders of the Menninger Foundation; a nonprofit organization for the study of mental illness, its diagnosis, treatment and prevention.

Filmstrips with Recordings

A Tour of Our Nation's Capitol. 124 frames. 25 min. with record, $19.75; with cassette, $21.75.

The contrast of the old and the new in Washington represents the spirit of a young and growing nation. From an overview of the city, this filmstrip proceeds to show its buildings and parks, statues and monuments. Besides a physical description, the background and significance of each building are explained. Particular attention is given to the artistry, symbolism, and history of the Capitol Building, "a living monument to ideas."

The Library of Congress. Color, 60 frames. 15 min. With record, $12.50; with cassette, $14.50. International Film Bureau.

Distinctive architectural features and displays, and the types of materials the Library contains; the Library's purpose—to provide the accumulated knowledge of mankind to scholars throughout the world; copyright office and other special services.

Smithsonian Institution. 60 frames. With record, $12.50; with cassette, $14.50.

Beginning with a background of the founding of the institution by James Smithson, this filmstrip takes us on a tour of the nation's most complete and fascinating display of Americana. From its picturesque setting in the center of Washington's Mall, the Smithsonian ranges historically through all areas of world science and culture.

Washington, D.C. These color filmstrips with photography of beautiful buildings, art objects, statues and artifacts present an enlivening story of our capital city and the process of government. Suggested for elementary and secondary classes in problems of democracy, history and geography. Produced by Melvin Brodshaug, with Wilcomb E. Washburn, Smithsonian Institution as a consultant. 1970 release. Series of four filmstrips: with two LP records, $50; with two cassettes, $54. Also available in pairs (1-2, 3-4): pair of strips with LP record, $25; with cassette, $27.

1. *The Capitol and Vicinity.* 80 frames, 14 min. Concentrates on our national Capitol; Library of Congress, Supreme Court, Folger Shakespeare Library, Washington Monument, Lindbergh and Wright Brothers' planes in Smithsonian Institution, and the National Gallery's rich art collection.

2. *The White House and Environs.* 80 frames, 14 min. Surveys the White House and vicinity; President's office and executive departments, National Red Cross, Corcoran Gallery, Daughters of the American Revolution headquarters, Pan American Union building, Lincoln and Jefferson Memorials, and picturesque cherry blossoms.

3. *Embassy Row and Northwest Washington.* 80 frames, 14 min. Includes British, French, German, and Japanese foreign embassies; National Education Association; National Geographic Society; Walter Reed Hospital; and Washington Cathedral.

4. *Mt. Vernon, Georgetown, and Suburbs.* 80 frames, 14 min. Introduces Georgetown in District; National Institutes of Health, Bureau of Standards, and Atomic Energy Commission in Maryland; in Virginia, Pentagon, Arlington National Cemetery, tomb of John F. Kennedy, and Washington's Mt. Vernon.

Williamsburg. 60 frames. 15 min. With record, $12.50; with cassette, $14.50.

Everyday Colonial activities and the great events which shaped our Nation's history are both revealed in the reconstruction of the second capital of Virginia. The shops and taverns, governor's mansion, church, jail, capitol building, and even the countryside recall the 18th century. Here Patrick Henry spoke against the Stamp Act; George Washington, James Madison, and George Mason voted in favor of rebellion; and the cry of freedom from England went forth.

Speech

Film

Many Hear—Some Listen. Color. 11½ min. $180. Centron Educational Films, 1975.

The problems of accurate communication involving listening are illustrated with a touch of humor.

Recording

Instructional Record for Changing Regional Speech Patterns. Folkways Record. Urbana, Ill.: National Council of Teachers of English.

Urban Education

Film

The Shepherd. Color. 8 min. $100. Macmillan Library Services; produced and directed by Cameron Guess; story and design by Derek Lamb.

Harry is a simple man, a shepherd who wants nothing more from the city than to be left alone to pursue his career. But the city is not able to help Harry; there are simply no jobs for shepherds available; even though he and his sheep brave the metropolitan traffic to try every possible employer. Finally, Harry faces reality, sends his sheep away to the country, throws his crook off the bridge and takes a correspondence course to train for a new career. A commentary on the modern city.

Filmstrip with Recording

The Cities: People and Their Problems. 5 filmstrips, 5 cassettes. $70. Teaching Resources Films.

Encourages each individual to form his own opinions on how the quality of urban life can be improved, not only in the cities but in the entire nation. Traces complex problems of cities to population density, technology, changing social problems, poverty, and racial prejudice.

Values (Moral) Education

Films

Me. Color. 16½ min. $245. Centron Educational Films.

EM A film dealing with self-image, identity, and personal worth. Young John wants to play football with the older boys, but they reject him. Some of their taunts about his size and age are excruciating. John is so crushed that he decides that he doesn't like himself and wants to create a new "self-image." Then his mother tells him a bedtime story (illustrated with puppets) about an imaginary character called "me." John gets the point and so will a young audience.

You. Color. 16½ min. $245. Centron Educational Films.

EM Examines the concept of empathy in human relations. Paul and John, young brothers of contrasting temperaments, engage in a typical family argument. When their anger cools, they begin to explore each other's feelings and viewpoints, and inevitably begin to project themselves into other people's positions.

They. Color. 16 min. $235. Centron Educational Films.

A symbolic film in which young John meets a mysterious stranger who introduces him to the "We People," the "They People," and the "Out People." What he discovers about them, the questions he raises, and his insights into human relationships make this an outstanding film for discussion.

Filmstrips with Recordings

Approaches to Teaching Values. Color. 84 frames. 11½ min. 1 filmstrip with discussion guide, cassette, $17. National Education Association.

Surveys current trends and practices.

Courage. Color. 4 filmstrips, 4 records or cassettes, teacher's guide. $69.50. Scholastic Magazines.

S Who is the hero? Dramatizes how the image of the hero has changed through history. *Red Badge of Courage*—an exciting "mini-film" based on Stephen Crane's classic. *Escape to Freedom*—the true story of Frederick Douglas and his escape from slavery. *Almost Brave*—in TV style, a parody on bravery using examples from literature.

Discovering Your Personality: Exploring Your Feelings. 18 min. 2 filmstrips, 2 cassettes, discussion guide. $48.50. Guidance Associates.

Defines emotions and explains what causes them; stresses the need for young people to learn to understand, accept, and deal with their own emotions.

First Things: How Can You Work Things Out? 16 min. 2 filmstrips, 1 cassette, discussion guide. $26. Guidance Associates.

EM Helps children understand perspective taken as a key factor in communication.

First Things: Values: The Trouble with Truth. 12 min. 2 filmstrips, 1 cassette, discussion guide. $26. Guidance Associates.

Part I: A young boy must decide whether to tell the truth about rules being broken and lose his boatride or deny it. Part II: A young girl must decide whether she is willing to lie to see a fair.

First Things: Values: What Do You Do About Rules? 15 min. 1 filmstrip, 1 cassette, discussion guide. $26. Guidance Associates.

Helps children to distinguish between obedience to rules and other important ethical considerations.

Noisy Nancy Norris. 13 min. 1 filmstrip, 1 cassette, teacher's guide. $25. Guidance Associates.

Excellent to develop desirable patterns of behavior.

What Are Parents for, Anyway? 2 filmstrips, 2 cassettes, discussion guide. $119.74. Guidance Associates.

MS Dramatized parent-child conflicts over responsibilities, privacy, individual tastes, independence.

Visual Literacy

Films

The Growing of a Young Filmmaker. B&W, 17 min. $110, purchase; $10, rental. National Education Association, Audio-Visual Studio.

The story of a high school drop-out and how his attitudes toward learning change through movie-making experiences.

Hey, Look at Me! Color, 12½ min. $155, purchase, $9, rental. National Education Association, Audio-Visual Studio.

Elementary children in rural Appalachia explore their surroundings through the eye of a movie camera.

How To Make Movies Your Friends Will Want To See Twice. Color, 10 min. $175. Benchmark Films, 1975.

A handbook of film techniques covering both interior and exterior shooting. An indoor birthday party and a family camping trip are used as examples.

Filmstrips with Recordings

A Visual Fable. 1 filmstrip, 1 audiotape or cassette, teacher's guide. $13.95. Association for Educational Communications and Technology (AECT).

Shows the development of visual literacy in an individual from birth through school to adult life.

Tell Me What You See. Color, 1 filmstrip, 1 cassette. $11.95. AECT.

The story of a visual literacy program in action.

Filmstrips

Bulletin Boards and Display. 2 filmstrips, boxed, $16. Produced by Reino Randall.

Amusing drawings and examples of good bulletin boards designed to show how the bulletin board can be made to function as an effective teaching tool.

How Does a Picture Mean? B&W. 1 filmstrip, teacher's guide. $10. AECT.

Describes the elements of meaning in a picture.

How To Splice a Film. 1 filmstrip. Boxed, $8. Produced by Audio-Visual Section, Los Angeles City Schools.

Shows the composition of 16mm sound film and the way film cement affects the bond. It demonstrates handling of the film in the projector and on the rewinds, identifying the emulsion side, operating the Griswold splicer, and testing the splice.

Making Sense Visually. Color. 1 filmstrip, teacher's guide. $11. AECT.

Introduces some of the basic concepts and vocabulary of visual literacy.

The Simple Camera. Color. 12 filmstrips. $49.95. AECT.

Covers the basics of photography and good picture-taking practices.

LIST OF NONPRINT MEDIA PRODUCERS AND DISTRIBUTORS

ACI Media
35 W. 45th Street
New York, N.Y. 10036

Agency for Instructional Television
Box A, 1111 W. 17th Street
Bloomington, Ind. 47401

Aims Instructional Media Services, Inc.
(distributor)
626 Justin Avenue
Glendale, Calif. 91201

American Personnel and Guidance Association
1607 New Hampshire Avenue, N.W.
Washington, D.C. 20036

Paul S. Amidon & Associates, Inc.
1966 Benson Avenue
St. Paul, Minn. 55116

Angel Records
1750 N. Vine Street
Hollywood, Calif. 90028

Argus Communications
7440 Natchez Avenue
Niles, Ill. 60648

Association for Educational Communications
and Technology
1201 16th Street, N.W.
Washington, D.C. 20036

Audio-Visual Enterprises
911 Saguna Road
Pasadena, Calif. 91105

Bailey Film Associates
11559 Santa Monica Boulevard
West Los Angeles, Calif. 90025

Bear Films, Inc.
805 Smith Street
Baldwin, N.Y. 11510

Benchmark Films, Inc. (distributor)
145 Scarborough Road
Briarcliff Manor, N.Y. 10510

BFA Educational Media (distributor)
P.O. Box 1795
2211 Michigan Avenue

Stanley Bowmar Co., Inc.
4 Broadway
Valhalla, N.Y. 10595

Bowmar
622 Rodier Drive
Glendale, Calif. 91201

Brandon Films
221 W. 57th Street
New York, N.Y. 10019

Caedmon Records, Inc.
505 Eighth Avenue
New York, N.Y. 10018

Campus Film Productions, Inc.
2 Overhill Road
Scarsdale, N.Y. 10583

Capitol Records, Inc.
1750 N. Vine Street
Hollywood, Calif. 90028

Centron Educational Films
1621 W. Ninth
Lawrence, Kans. 66044

Changing Times Education Service
1729 H Street, N.W.
Washington, D.C. 20006

Chesterfield Music Shops, Inc. (distributor)
12 Warren Street
New York, N.Y. 10007

Churchill Films
662 N. Robertson Boulevard
Los Angeles, Calif. 90069

Columbia Special Products
51 West 52nd Street
New York, N.Y. 10019

Contemporary Films, Inc.
330 W. 42nd Street
New York, N.Y. 10036

The Continental Press, Inc.
Elizabethtown, Pa. 17022

Coronet Instructional Media
65 E. South Water Street
Chicago, Ill. 60601

Council for Exceptional Children
1920 Association Drive
Reston, Va. 22091

George F. Cram Co.
301 S. La Salle Street
P.O. Box 426
Indianapolis, Ind. 46206

Creative Playthings, Inc.
Edinburg Road
Cranbury, N.J. 08540

Creative Visuals
P.O. Box 1911
Big Spring, Tex. 79720

CRM/McGraw-Hill Films (distributor)
Del Mar, Calif. 92014

Curriculum Associates, Inc.
94 Bridge Street
Newton, Mass. 02158

Tom Davenport Films
Pearlstone
Delaplane, Va. 22025

Denoyer-Geppert Audio-Visuals
5325 Ravenswood
Chicago, Ill. 60640

Developmental Learning Materials
7440 Natchez Avenue
Niles, Ill. 60648

Walt Disney Educational Media Co.
800 Sonora Avenue
Glendale, Calif. 91201

Doubleday Multimedia
1371 Reynold Avenue
Irvine, Calif. 92705

Educational Activities, Inc.
Box 392
Freeport, N.Y. 11520

Educational Audio Visual, Inc.
Pleasantville, N.Y. 10570

Educational Dimensions Group
Box 126
Stanford, Conn. 06904

Educational Reading Service, Inc. (distributor)
320 Route 17
Mahwah, N.J. 07430

Educational Record Sales (distributor)
157 Chambers Street
New York, N.Y. 10007

Encyclopaedia Britannica Educational Corp.
425 N. Michigan Avenue
Chicago, Ill. 60611

Enrichment Materials, Inc.
50 W. 44th Street
New York, N.Y. 10036

Eye Gate House
146-01 Archer Street
Jamaica, N.Y. 11435

Filmstrip House, Inc.
432 Park Avenue South
New York, N.Y. 10016

Folkways Records & Service Corp.
43 W. 61 Street
New York, N.Y. 10023

Follett Publishing Co./Educational Division
1010 W. Washington Boulevard
Chicago, Ill. 60607

GAF Corp.
140 W. 51st Street
New York, N.Y. 10020

The Golden Record Library
A Musical Heritage for Young America
250 W. 57th Street
New York, N.Y. 10019

Grolier Educational Corp.
845 Third Avenue
New York, N.Y. 10022

Guidance Associates, Inc.
757 Third Avenue
New York, N.Y. 10017

Idea Films
Box 446
Melbourne, Fla. 32901

Imperial International Learning
Box 548
Kankakee, Ill. 60901

International Film Bureau, Inc. (distributor)
332 S. Michigan Avenue
Chicago, Ill. 60604

Jam Handy Organization
2021 E. Grand Boulevard
Detroit, Mich. 62332

Journal Films (distributor)
909 W. Diversey
Chicago, Ill. 60614

Kimbo Educational Records
P.O. Box 55
Deal, N.J. 07723

Kunz, Inc. (distributors)
207 E. Patapsco Avenue
Baltimore, Md. 21225

Learning Arts
P.O. Box 917
Wichita, Kans. 67201

Learning Corporation of America (distributor)
1350 Avenue of the Americas
New York, N.Y. 10019

Learning Tree Filmstrips
934 Pearl Street, Suite F
Boulder, Colo. 80302

Life Filmstrips
Time-Life Building, Rockefeller Center
New York, N.Y. 10020

Listener Corp.
6777 Hollywood Boulevard
Hollywood, Calif. 90028

Listening Library, Inc.
1 Park Avenue
Old Greenwich, Conn. 06870

Macmillan Library Services
866 Third Avenue
New York, N.Y. 10022

McGraw-Hill Book Co., Webster Division
1221 Avenue of the Americas
New York, N.Y. 10020

Mercury Records
35 E. Wacker Drive
Chicago, Ill. 60601

Miller-Brody Productions, Inc.
342 Madison Avenue
New York, N.Y. 10017

Milliken Publishing Co.
1100 Research Boulevard
St. Louis, Mo. 63132

National Aeronautics and Space Administration
Code FAM
Washington, D.C. 20546

National Dairy Council
111 N. Canal Street
Chicago, Ill. 60606

National Education Association, Audio-Visual Studio
1201 16th Street, N.W.
Washington, D.C. 20036

National Geographic Society
17th and M Streets, N.W.
Washington, D.C. 20036

Oxford Films, Inc. (distributor)
1136 N. Las Palmas Avenue
Los Angeles, Calif. 90038

Paramount Oxford Films
5451 Marathon Street
Hollywood, Calif. 90038

Parents' Magazine Films, Inc.
52 Vanderbilt Avenue
New York, N.Y. 10017

Photo Lab, Inc.
3825 Georgia Avenue, N.W.
Washington, D.C. 20011

Pied Piper Productions
P.O. Box 320
Verdugo City, Calif. 91046

Promethean Films
South Auburn, Ala. 36830

Pyramid Films
Box 1048
Santa Monica, Calif. 90406

RCA Records, Educational Dept.
1133 Avenue of the Americas
New York, N.Y. 10036

Reader's Digest Services, Inc., Educational Div.
Pleasantville, N.Y. 10570

Sandak, Inc.
4 E. 48th Street
New York, N.Y. 10017

Schloat Productions
150 White Plains Road
Tarrytown, N.Y. 10591

Scholastic Magazines, Inc.
50 W. 44th Street
New York, N.Y. 10036

Schwann, Inc. (distributors)
137 Newbury Street
Boston, Mass. 02116

Scott, Foresman
1900 E. Lake Avenue
Glenview, Ill. 60025

Society for Visual Education
1345 Diversey Parkway
Chicago, Ill. 60614

Spoken Arts, Inc.
310 North Avenue
New Rochelle, N.Y. 10801

Sterling Educational Films (distributor)
241 E. 34th Street
New York, N.Y. 10016

Tapes Unlimited
13001 Puritan Avenue
Detroit, Mich. 48227

Teaching Resources Films
2 Kisco Plaza
Mt. Kisco, N.Y. 10549

3M Co., Visual Products Division
3M Center
St. Paul, Minn. 55101

Time-Life Films, Multimedia Division
100 Eisenhower Drive
Paramus, N.J. 07652

Time Records, Inc.
2 W. 45th Street
New York, N.Y. 11232

Troll Associates
320 Route 17
Mahwah, N.J. 07430

Twentieth-Century Fox Records
c/o ABC Records, Inc.
8235 Beverly Boulevard
Los Angeles, Calif. 90049

United Artists Records
729 Seventh Avenue
New York, N.Y. 10803

Valiant Instructional Materials Corp. (distributor)
195 Bonhomme Street
Hackensack, N.J. 07602

Vanguard Records
71 W. 23rd Street
New York, N.Y. 10010

Vincet Associates, Inc.
P.O. Box 24714
Los Angeles, Calif. 90024

Weston Woods Studios
Weston, Conn. 06880

Westinghouse Learning Corp. (distributor)
100 Park Avenue
New York, N.Y. 10017

Young Peoples Records
Greystone Corp.
100 Sixth Avenue
New York, N.Y. 10803

Xerox Films
245 Long Hill Road
Middletown, Conn. 06457

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